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1941

SEED CATALOG



62.21
MIXED GIANT ZINNIAS

25 1941

FLOWER ★ VEGETABLE ★ FIELD SEEDS
FERTILIZERS ★ INSECTICIDES

DUTHIE SEED COMPANY

510 Main Avenue
Spokane, Washington

826 Main Street
Lewiston, Idaho



GIANT IMPERIAL LARKSPUR

Tall compact annuals with many upright branches from the base of the plant. The flowers resemble closely those of delphiniums. Double, closely set on 4-5 ft. stems. Really easy to grow, indispensable for the annual flower garden. Finest Mixture, **Pkt. 10c.**



CORNFLOWER JUBILEE GEM

A good dwarf companion to the annual phlox. The double blue flowers literally cover the plant. About one foot high. Excellent for cutting. **Pkt. 10c.**



ANNUAL PHLOX

A beautifully showy annual. Grows about a foot high and does well in any kind of soil if given a sunny position. Blooms all season long. The profusion of colors, white, red, pink, salmon, are sure to enliven the front of the perennial border. Grand mixture of the best colors. **Pkt. 10c.**

SPECIAL OFFER

One Packet Each

Giant Imperial Larkspur, Mixed.....	\$.10
Annual Phlox, Grandiflora Mixture.....	.10
Cornflower Jubilee Gem.....	.10
Zinnia Wildfire Fantasy.....	.15
Marigold Ferdinand.....	.10
Petunia Burgundy.....	.15
Sweet Peas, 3 packets, different colors, our selection.....	.30
Morning Glory Heavenly Blue.....	.10

\$1.10

All, postpaid, for \$1.00



PETUNIA BURGUNDY

Beautiful velvety, burgundy-red flowers, with inconspicuous white throats. The petals have a plain edge. A good large-flowered variety. **Pkt. 15c.**



Petunia Hybrida, Radiance

Novelty Flower Seeds for 1941

PETUNIA HYBRIDA, RADIANCE

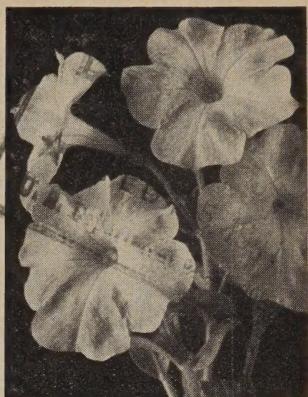
Silver Medal, All America Selections, 1941

An outstanding new Petunia. The color is a rich cerise rose with enough underlying salmon to remove the harshness, commonly found in a cerise rose, without losing the brilliance. The throat is a golden yellow which adds warmth and life to the general color. Decidedly floriferous and holds its uniform and neat habit well into the late Fall. **Pkt. 25c.**

PETUNIA NANA COMPACTA, FIRST LADY

Silver Medal, All America Selections, 1941

Large two and a half inch flowers of beautiful light or blush pink bloom in profusion all season. Plants are uniform and compact. Very distinct and desirable. **Pkt. 25c.**



Petunia, First Lady



Verbena, Brightness

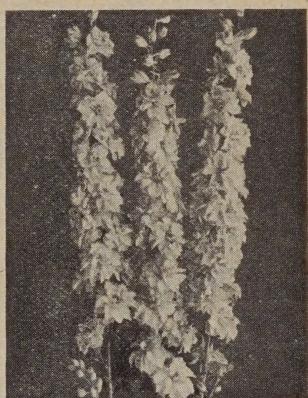
PHLOX GIGANTEA, ROSY MORN

Bronze Medal, All America Selections, 1941

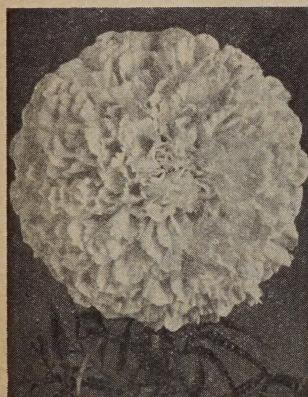
An extremely refreshing, gay and bright color combination of rose pink with a white eye. A color that will not fade in the strong sun. This new variety possesses the large sized blooms, the free flowering quality, and the fine habit of both Gigantea Art Shades and Gigantea Salmon Glory. **Pkt. 25c.**

VERBENA HYBRIDA GRANDIFLORA, BRIGHTNESS

This Verbena has a particularly vivid color of bright rosy, cerise scarlet, boldly contrasted with the large white eye. The plants are semi-compact in habit. An excellent variety for border or edging use. **Pkt. 25c.**



Phlox Gigantea, Rosy Morn



Marigold, Pot O'Gold

MARIGOLD DWARF GIGANTEA, POT O'GOLD

Loosely formed, very full centered flowers of bright, deep, golden orange. Broad heavy petals gracefully overlapping make a flower of great depth and beauty. Plants are dwarf and compact, well branched, very neat in appearance and bear a dozen or more large, double blooms at a time. Exceptionally early flowering. **Pkt. 25c.**

LARKSPUR GIANT IMPERIAL, PINK KING

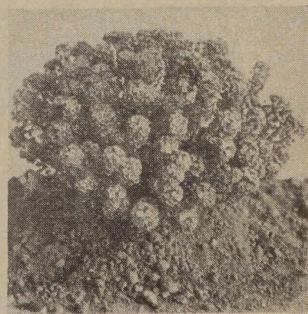
Pink King is a lovely soft, yet vibrant, shade of salmon rose. The fully double, two inch florets are composed of rounded broad petals which are evenly and closely spaced on the stems. The basal branched character gives several fine spikes of bloom on each plant. One of the earliest flowering of all Larkspurs. **Pkt. 25c.**



Larkspur, Giant Imperial Pink King

ZINNIA, HOWARD'S NEW GIANT CRESTED

The colors included in this strain are charmingly bright and fresh and contain almost all known colors and shades of color to be found in this most popular of annual plants. Magnificent shades of orange, orange scarlet, yellow, rose, maize and crimson predominate. Flowers average four or five inches in diameter and have a full rounded cushiony center surrounded by broad guard petals. Excellent cut flower. **Pkt. 25c.**



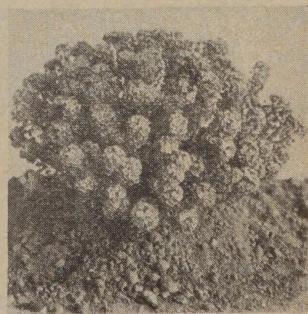
Zinnia, Howard's New Giant Crested

ALYSSUM COMPACTUM, VIOLET QUEEN

Dwarf, compact plants of small, sweetly scented flowers of a very rich deep shade of violet. Neat in habit and free flowering, Violet Queen will unquestionably be one of the leading novelties of the season. **Pkt. 25c.**



Phlox Gigantea, Rosy Morn



Alyssum, Violet Queen

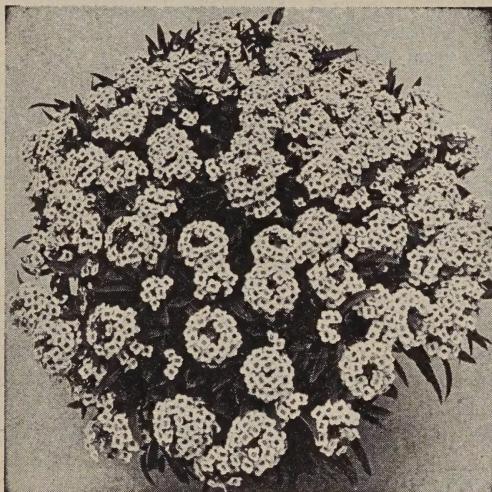
ANNUAL AND PERENNIAL FLOWER SEEDS

AGERATUM, Floss Flower (a)

One of the most popular summer blooming plants grown from seed, being literally covered with flowers from early summer until frost. Excellent for borders, edgings, rockery, or pots. Sun or semi-shade.

BLUE BALL. Compact, round plants, 6 inches tall, hidden by a mass of pure blue flowers. Fine for dwarf beds and edging. **Pkt. 10c.**

MIDGET BLUE. Silver Medal, All-America Selections, 1940. A very fine dwarf (2 to 3 inches high) Ageratum with delicate foliage, practically smothered with Ageratum Blue flowers. Really the first dwarf Ageratum we have found that will come uniformly dwarf and true to color from seed. **Pkt. 10c.**



Alyssum

ALYSSUM, Madwort

One of the most popular garden flowers, remaining in bloom the entire season; suitable for beds and edging in summer, or for growing in pots and boxes for winter blooming.

CARPET OF SNOW (ra). White flowers on plants only 3 inches tall. Rapidly becoming a favorite variety. **Pkt. 10c.**

SAXATILE COMPACTUM. Perennial. Sometimes called Basket of Gold. It grows compactly and is covered with a wealth of golden blossoms in early spring. Height 12 in. **Pkt. 10c.**

ANCHUSA, Summer Forget-me-not

A free-flowering plant, producing its charming Forget-me-not-like blooms in graceful sprays from early summer until late fall.

BLUE BIRD (a). Deep blue flowers on plants 18 inches tall. **Pkt. 10c.**

ANTIRRHINUM (See Snapdragon)

ARCTOTIS, Blue-Eyed African Daisy (a)

This is a sun loving plant better suited to American conditions than any other African Daisy. The petals are white with light lilac backs, radiating from a steel blue and yellow center. Thrives in dry places. Height, 2 to 3 feet.

GRANDIS. Mixed hybrids. **Pkt. 10c.**

ASTER (a)

We can imagine no other flower which combines so much beauty with grace and usefulness and with which more brilliant effects can be achieved. From July until September this flower reigns supreme in the garden, unequalled by any other. For this reason we give a great deal of attention to these flowers, and are in a position to offer our patrons remarkably fine strains, producing perfect flowers of great beauty. To do well, Asters require a soil kept open by continuous cultivation. Height, 1 to 3 feet.

ASTER EARLY GIANT WILT-RESISTANT, Light Blue. Silver Medal, All-America Selections 1939. Early blooming, semi-tall, basal branched, non-lateral type. Fully wilt-resistant, extremely large flowered and most attractive. The color is a rich light blue, a shade which blends in beautifully with either deeper or lighter tones. **Pkt. 15c.**

IMPROVED GIANTS OF CALIFORNIA. This Aster bids fair to become a universal favorite. Characterized by the well-known Crego type of flower, combined with the Beauty Aster's long, non-lateral, branching stems, the California Giants, double type Aster, stands at the head of the list. **Finest Mixed. Pkt. 15c.**

ASTER SUPER GIANT EL MONTE. Deep glowing crimson, composed of abundant quantities of daintily interlaced plume-like petals, the flowers are extremely large and fluffy, borne on heavy non-lateral, basal branched stems. **Pkt. 15c.**

SUPER GIANT LOS ANGELES. The flowers are fully double, 6 to 8 inches across, graceful and delicately interlaced. Long, stiff stems, bearing the large shell pink flowers smartly upright. **Pkt. 15c.**

IMPROVED CREGO WILT RESISTANT. The large shaggy flowers with long curled petals are not unlike the ostrich feather for which they are commonly named. The plants are strong, heavily branched and grow about 2 1/2 feet in height.

Cattleya. A fascinating shade of orchid. **Pkt. 10c.**

Crimson. Glowing deep rose-crimson. **Pkt. 10c.**

Enchantress. A lively salmon rose. **Pkt. 10c.**

Pink. Attractive light shell-pink. **Pkt. 10c.**

Purple. Showy violet purple. **Pkt. 10c.**

White. Purest white, large and fluffy. **Pkt. 10c.**

Crego's Finest Mixed. **Pkt. 10c.**

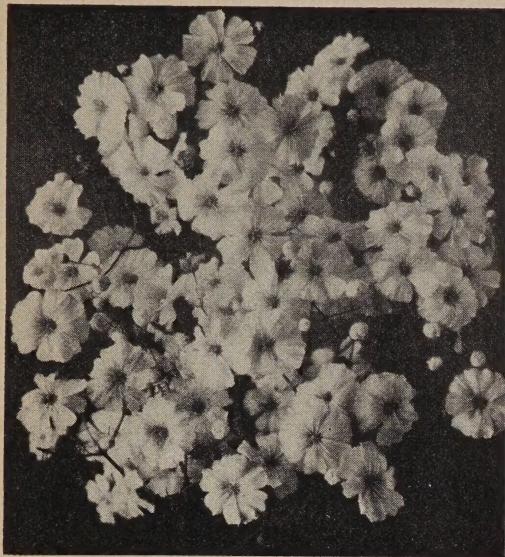
SINGLE CHINA ASTERS. **Wilt Resistant.** Not a few flower lovers consider the single forms more artistic and charming than the larger double flowers. The large daisy-like blossoms appear in the greatest profusion and are exquisite in bouquets. **Mixed Colors. Pkt. 10c.**



Aster, Light Blue

AMERICAN BEAUTY. **Wilt Resistant.** Plants 2 1/2 to 3 feet tall, branching, robust, flowers large, double and fine form, blooming in early September. Our selected stocks of these are the best money can buy. **Finest Mixed. Pkt. 10c.**

a, annual; b, biennial; c, climber; p, perennial; ra, rock plant annual; rp, rock plant perennial.



Annual Baby's Breath

BABY'S BREATH, Gypsophila

Pretty, free-flowering annuals and perennials. Their misty white panicles are largely used for mixing with other cut flowers. Height, 1 to 3 feet.

ELEGANS GRANDIFLORA. (a) London Market Improved. An improved annual strain with single large pure white flowers. Sow at intervals for a supply of flowers throughout the summer. Height, 2 feet. **Pkt. 10c.**

PANICULATA WHITE. (p) Hardy perennial with sprays of tiny rose-shaped blooms. For winter bouquets, cut before the flowers are fully open, and hang up to dry. Height, 3 feet. **Pkt. 10c.**

BACHELOR'S BUTTON, Centaurea

Particularly well adapted for border planting. The types cultivated for their flowers have bulging calyxes from which many finely cut petals expand. Of easy culture from seed.

CORNFLOWER, JUBILEE GEM. A dwarf variety making a compact plant literally covered with flowers. About 12 inches in height. Easy to grow. Admirable as a border plant. A fine cut flower. It may be sown outside in the autumn for spring flowering, or in the spring for summer flowering. **Pkt. 10c.**

CYANUS DOUBLE (a) (Bachelor Button). This superb class of Cornflowers produces handsome, large double blooms, effective out-of-doors and in bouquets. Height, 2 to 3 feet.

Rose, pkt. 10c.
Mixed, pkt. 10c.

BALSAM, Lady Slipper (a)

An old and popular garden flower of easy culture. Gorgeous masses of brilliant colored double flowers are produced in the greatest profusion. Height, 2 feet.

CAMELLIA FLOWERED. Finest mixed. **Pkt. 10c.**

BEAN (a)

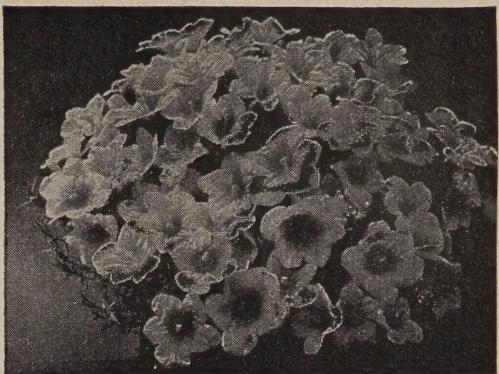
A rapid climber, flowering profusely; grows 10 to 15 feet high.

SCARLET RUNNER. **Pkt. 5c.**

BLACK-EYED SUSAN, Thunbergia

ALATA. (ac) Beautiful, rapid-growing annual climber, preferring a warm, sunny situation; used extensively for hanging baskets, vases, low fences, etc. Very pretty flowers in buff, white, orange, etc., with dark eyes. Height, 4 feet.

Finest mixed. Pkt. 10c.



Blue Fern Flowers

BLUE FERN FLOWER, Nierembergia

HIPPOMANICA. (ra) A neat, dwarf plant with light gray-green foliage, which is covered all summer by literally hundreds of little cup-shaped flowers, lavender-blue with a yellow eye. One of the finest introductions in recent years. **Pkt. 25c.**

BUTTERFLY FLOWER, Schizanthus (a)

One of our finest hardy annuals. Of easy culture in any good garden soil. Showy flowers of various colors, closely resembling some species of orchids. Useful as pot plant for late winter and spring; for this purpose sow in autumn.

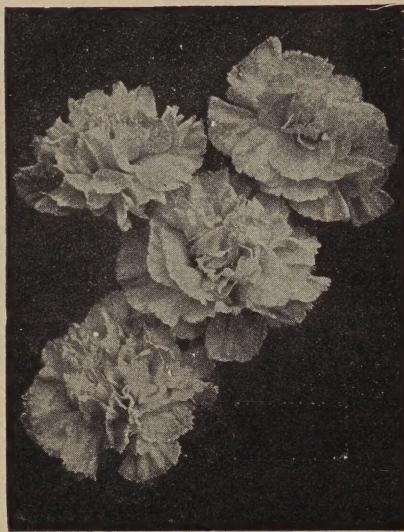
BUTTERFLY MIXTURE. Fine bright mixture, free flowering, compact pyramidal plants, 12 to 15 inches. **Pkt. 10c.**

CALENDULA, Pot Marigold (a)

Colorful flowers making a wonderful display in the garden. Always admired by those who see them. Blooms freely in early summer and continues into the fall. Even though this plant prefers a sunny location and rather dry soil, it does well under widely different conditions, requiring little care to grow to perfection. 18 to 24 inches in height.



Calendula



Chabaud Giant Carnations

CALENDULA (Continued)

ORANGE FANTASY. Silver Medal, All-America Selections 1938. Distinct. Rather dwarf, heavy foliaged plants. 18 to 24 inches. Crested flowers of coppery orange, with petals edged mahogany. True. A fine novelty. **Pkt. 10c.**

CAMPFIRE IMPROVED. A very deep strong orange with distinct scarlet sheen on upper side of each petal. Blooms flat across top and measures 4 inches in diameter. Plants are strong growing and even in habit. **Pkt. 15c.**

NEW SUNSHINE CALENDULA, CHRYSANTHA. A clear, buttercup yellow in color with loosely arranged petals, in-curved at center and reflexed at edges. Flowers mounted on strong, wiry stems a foot in length; excellent for cutting. **Pkt. 10c.**

RADIO. A late English introduction, a distinct new variety. Flowers very full, petals quilled. Color a rich glowing orange. **Pkt. 10c.**

CALIFORNIA POPPY (See Poppy)

CALLIOPSIS, Tickseed (a)

Very showy and splendid subjects for garden decoration as well as for cutting. Sow seed where intended to bloom in early spring; thin out to 6 inches apart. Cut flowers as they open and prolong the blooming season until autumn. Height, $\frac{1}{2}$ to $2\frac{1}{2}$ feet.

GOLDEN CROWN. Silver Medal, All-America Selections 1938. An enlarged Drummondii. A rich orange-yellow or gold of pleasing fragrance. Makes a good cut flower with 12-inch wiry stems. **Pkt. 10c.**

Tall Mixed. **Pkt. 10c.** Dwarf Mixed. **Pkt. 10c.**

CANDYTUFT, Iberis (a)

Valuable for masses and edging, and considered indispensable for cutting. Seed sown in April flowers in June; successive sowings should be made at intervals. Hardy and easy to grow, blooming profusely. Height, 1 foot.

UMBELLATA. Giant white Hyacinth flowered. Very fine for cutting. **Pkt. 10c.**

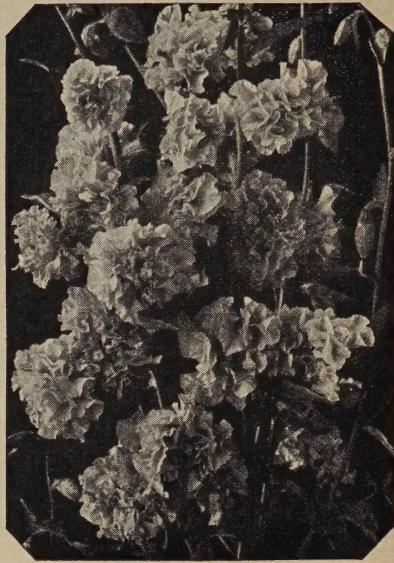
UMBELLATA. Mixed. **Pkt. 10c.**

CANTERBURY BELLS, Campanula

CALYCANTHEMA. (b) (Cup and Saucer). Perhaps the most beautiful type; distinct in form, with large bell or cup-shaped flowers surrounded at the base by a large calyx of similar color, the whole resembling a cup and saucer.

Finest Mixed. **Pkt. 10c.**

ANNUAL CANTERBURY BELLS. (a) We have all wished for a Canterbury Bell that would not occupy the ground for so long before it flowered. When planted from seed, loads itself with flowers in less than five months, in color the same as the biennial type, including the various shades of blue, pink, rose, and white. Finest Mixed. **Pkt. 15c.**



Double Clarkia

CARDINAL CLIMBER (ac)

Graceful climber with cardinal-scarlet blooms 1 to $1\frac{1}{2}$ inches in diameter. Rich, glossy, dark green foliage. Grows 15 feet tall and is in bloom all summer. **Pkt. 10c.**

CARNATION, *Dianthus Caryophyllus* (p)

Few flowers surpass in beauty of form or delicious fragrance, the richly hued Carnation. The plants are branching but compact, and the handsome blossoms are produced on blue-green stems that are stiff but slender. The double flowers with their thick waxy petals are spicy scented.

CHABAUD GIANT. 18 inches. This variety blooms six months after seeding and continues throughout the summer. The plants, robust and erect, supply handsome, double, clove-scented flowers of extra large size. **Mixed. Pkt. 10c.**

CASTOR BEAN, *Ricinus* (a)

Magnificent, tall, large-leaved plants of tropical appearance, succeeding in a warm, sunny location. Beautiful for large foliage groups and background. Height, 10 to 12 ft. **MIXED VARIETIES. Pkt. 10c.**

keep your cut flowers
DAYS LONGER!

with **WARNER'S**
ELIX

This newest product from the laboratories of George C. Warner of Vitamin B1 fame, is a preparation of vitamins, hormones and other bloom life prolonging ingredients.

Elix will hold the bloom color, sweeten the water and prolong the freshness of cut flowers days longer.

Easy to use and inexpensive to buy.

*** 6 TABLETS 25c 20 TABLETS * 50c**

*** Each tablet makes one gallon and may be broken for smaller quantities of solution.**

CLARKIA (a)

An annual, flowering in July, which should be far more widely known. It is of easy culture, graceful in habit of growth, and lends itself as well to bedding as for cutting. Flowers in long racemes which open in water when cut.

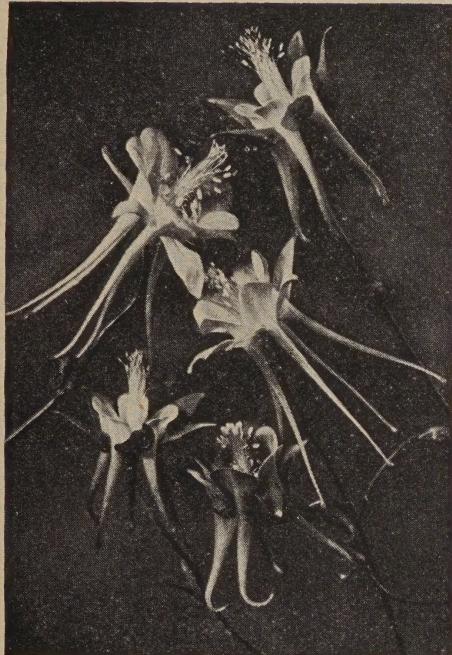
ELEGANS. Double. Choice mixed. Height, 2 feet. Pkt. 10c.

COCKSCOMB, Celosia (a)

Very attractive and showy, somewhat tender annual, producing massive heads in rich shades of crimson and yellow flowers. Should be started in hot beds and transplanted to rich soil after warm weather comes. Set plants a foot or more apart.

CRISTATA. Choice mixed; height, 9 to 18 inches. Pkt. 10c.

PLUMOSA (Improved Feather Type): Choice mixed; height, 2 feet. Pkt. 10c.



COLUMBINE, Aquilegia (p)

These are among the most beautiful of spring and early summer flowers; very effective when grown in the herbaceous border and groups among shrubbery. Graceful spurred flowers on stems 2 feet or more above the fern-like foliage.

MRS. SCOTT ELLIOTT'S STRAIN. One of the finest tall strains ever developed, long-spurred, large flowers, in a splendid mixture of colors. Pkt. 10c.

CONE FLOWER, Rudbeckia (a)

KELVEDON STAR. Rich golden yellow with deep mahogany zones, and dark brownish central disc. Long stems. Pkt. 15c.

COREOPSIS (p)

One of our most popular perennials; the attractive flowers are borne in great profusion and are excellent for cutting. Height, 3 feet.

GRANDIFLORA DOUBLE SUNBURST. Much of the beauty of early summer gardens is due to the brilliant golden yellow of Coreopsis plantings. The double flowers are large, 1 1/2 to 2 inches across, deep golden yellow, and are excellent for cutting as well as for garden decoration. Fine keepers; plants are easy to grow. Pkt. 10c.

CORNFLOWER (See Bachelor's Button)



Sensation Cosmos

COSMOS (a)

No garden is complete without Cosmos. These old favorites supply a gorgeous, colorful effect during late summer and fall. Fine for cutting as the flowers last well in water, Cosmos are easy to grow.

SENSATION PINKIE. The finest new development in Cosmos. Flowers very large, as much as 5 inches in diameter, with broad, heavy fluted petals slightly overlapped. Ideal for cut flowers. Sturdy plants 3 to 4 feet high, producing flowers 8 to 10 weeks from seed. Pkt. 10c.

SENSATION PURITY. Purity is the glistening white Cosmos in the Sensation type as Pinkie is the delightful rose pink shade. Pkt. 10c.

EARLY KLONDYKE ORANGE FLARE. Grand Champion Gold Medal, All-America Selections, 1935. The long stemmed flowers of bright vivid orange are freely borne on 2 to 3 foot plants. Its most remarkable feature, however, is its early blooming habit. It blooms from mid-summer until frost. Pkt. 10c.

EARLY DOUBLE CRESTED. Showy plants, 3 to 4 feet tall, covered with a mass of lovely, large flowers. Our strain produces a large percentage of double blooms. Early Double, mixed. Pkt. 15c.

DAHLIAS (From Seed) (rp)

UNWIN'S DWARF HYBRIDS. These double and semi-double dahlias are one of England's best contributions to the flower world. They grow from 18 inches to 2 feet tall and come in many delightful shades. Plants are compact and as easy to grow as zinnias. Bloom the entire summer.

Mixed Colors. Pkt. 25c.

DAISIES

AFRICAN GOLDEN DAISY, *Dimorphotheca* (a)

The plants are of branching habit, growing about 15 inches high. An easily cultivated annual.

Aurantiaca Hybrids. The flowers are equally large, but vary in color from the purest white to yellow, orange and rich salmon shades, many being zoned with several of these colors around the black disk. Pkt. 10c.

Orange Improved. Pkt. 10c.

ENGLISH DAISY, *Bellis* (p)

A favorite perennial, which will stand the winter if given the protection of a little litter. In bloom from early spring until well on in the summer. Seed may be sown any time from spring until August. For best results, new plants should be raised from seed each year. Height, 3 to 6 inches. Double Finest Mixed. Pkt. 10c.

SHASTA DAISY, *Chrysanthemum Maximum* (p)

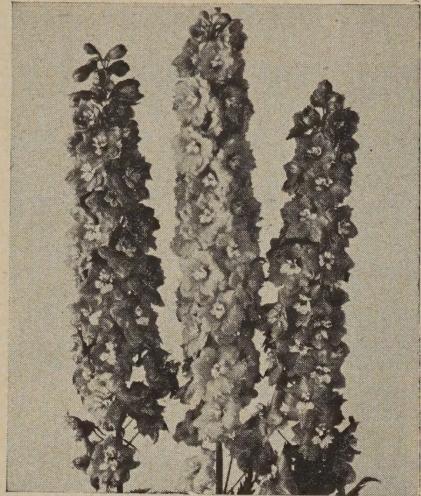
It is a hardy plant bearing large white, single blooms with handsome yellow centers. They are valuable for border decoration and especially pleasing in bouquets.

Alaska. Pure white, extra large flowers. Excellent for cutting. Height, 2 feet. Pkt. 10c.

Double. Flowers very large and very double. Pkt. 25c.

SWAN RIVER DAISY, *Brachycome*

Brilliant free-flowering annual blooming throughout the summer months and suitable for beds or borders. The dainty flowers resemble small Cinerarias. Height, 6 to 12 inches. Mixed Colors. Pkt. 10c.



Pacific Hybrid Delphinium

DELPHINIUM (p)

One of the greatest charms of hardy Larkspurs is in their shades of blue which range from soft rosy lavender to violet and deepest indigo. The dwarfs are valuable in the border while the magnificent tall varieties are stately and beautiful in front of a shrubbery background. Above the deeply cut dark green leaves rise long floral spikes. Height, 1 to 8 ft.

PACIFIC HYBRIDS. A new strain developed for the Pacific Coast conditions. The huge individual flowers, 2½-3½ inches across, are beautifully spaced on well-balanced tall spikes. Resistant to mildew. **Pkt. 25c and 50c.**

WREXHAM HYBRIDS. Without question the finest strain of large-flowered hybrid Delphinium. Various shades and color combinations are to be found in the individual flowers. Will produce amazingly large flowers and spikes. **Pkt. 25c.**

SINGLE DELPHINIUMS. We offer the well-known perennials Belladonna, clear light blue, and Bellamomum, rich deep intense blue. 2-3 feet. Each at **15c per pkt.**

EVENING PRIMROSE, *Oenothera* (b)

A twilight blooming plant. Flowers of brilliant yellow are often 3 inches across. Clusters of them decorate the tops of upright spikes which are arranged in the form of a candelabra. Height, 2 to 6 feet.

LAMARCKIANA. **Pkt. 10c.**

FLAX, *Linum* (a)

GRANDIFLORUM RUBRUM. An old favorite with large, rich crimson blooms borne profusely on plants growing 18 to 24 inches tall. Though the flowers last only one day, new ones appear every morning. **Pkt. 10c.**

FLOWERING TOBACCO, *Nicotiana* (a)

Stately plants producing large, trumpet shaped blooms until frost. Fine for beds and borders. Height, 2 to 5 feet.

AFFINIS HYBRIDS, MIXED COLORS. **Pkt. 10c.**

FOUR O'CLOCK, *Marvel of Peru* (a)

A favorite showy annual for beds and borders. Excellent for planting in front of the porch or alongside the house. The plants bloom freely from July until frost.

TALL, MIXED. 2 feet tall, in many fine colors. **Pkt. 10c.**

FOXGLOVE, *Digitalis* (b)

This ornamental hardy plant is used extensively for naturalizing in shrubbery borders and along the edges of woods. It grows well under almost all conditions, giving a wealth of bloom during June and July. Height, 4 to 6 feet.

GLOXINIAEFLORA. This is an improved strain of the ordinary Foxglove, with handsome spotted Gloxinia-like flowers on long spikes. **Mixed Colors.** **Pkt. 10c.**

GAILLARDIA, *Blanket Flower*

Tones of orange, yellow, red, and maroon, often beautifully combined in a single blossom, make these flowering plants gay ornaments of the garden all summer. Height, 1 to 2 feet.

SINGLE MIXED. (a) Large daisy-like blossoms of yellow and bronze with central cones of yellow. **Pkt. 10c.**

DOUBLE MIXED. (a) Globular heads of tubular florets in shades of sulphur, orange, and claret. **Pkt. 10c.**

GRANDIFLORA PORTOLA HYBRIDS. (p) Semi-double blooms of magnificent size and broad overlapping petals, golden tipped around glowing centers of bronzy red. **Pkt. 15c.**

GEUM, *Avens* (p)

Beautiful hardy perennials, bearing profusely large, showy, double, dark crimson flowers all through the summer. An elegant flower for bouquets. Height, 18 inches.

LADY STRATHEDEN. A new golden yellow with large full flowers of great beauty. **Pkt. 10c.**

MRS. BRADSHAW. Large, double, brilliant orange-scarlet. In flower throughout the entire summer. **Pkt. 10c.**

GODETIA (See Satinflower)

ORNAMENTAL GOURDS (ac)

Ornamental Gourds are easily grown in rich soil, where they will produce plenty of fruits. They may be trained on trellises and the ripened fruits used for ornaments. **Large and small sorts mixed.** **Pkt. 10c.**

HOLLYHOCK, *Althaea* (p)

The beautiful color effects produced by the planting of these flowers render them indispensable for the old-fashioned garden or the herbaceous border. Height, 6 to 12 ft.

INDIAN SPRING. Silver Medal, All-America Selections, 1939. Semi and double flowers of bright rose and rosy carnation. Its many flowered branches produce a continuous show until frost. Sow fall or early spring. Flowers five months from seed. **Pkt. 15c.**

SINGLE ANNUAL, Finest Mixed. **Pkt. 10c.**

DOUBLE, CHATER'S Finest Mixed. **Pkt. 10c.**



LARKSPUR (a)

Annual Delphiniums are adorned with finely cut, feathery foliage which sets off to advantage the handsome long floral spikes of double blossoms. The colors range from pure white through soft shades of lavender and pink to deep blue.

GIANT IMPERIAL. Tall, upright, compact, basal branching in habit, the Giant Imperials have superseded all other types of Larkspurs for general garden use. Their delphinium-like spikes of double florets are carried on stout stems 4 to 5 feet.

White King. Special Mention, All-America Selections 1937. The flowers are a pure, glistening white, with extremely large double florets, sometimes measuring 2 inches across, evenly spaced on the stem. Early, the finest Larkspur. **Pkt. 10c.**

Coral King. Coral King was a running mate to White King for All-America recognition. It has the same form and size and is different only in color—a beautiful coral pink. **Pkt. 10c.**

Blue Spire. Very deep violet blue. An outstanding blue. **Pkt. 10c.**

Pink Perfection. The 2-inch florets are evenly and closely spaced on the stem, giving a very heavy Hollyhock-like cutting spike 24 inches or more in length. Color is a very luscious shade of lively pink. **Pkt. 10c.**

Finest Mixed. **Pkt. 10c.**

TALL DOUBLE STOCK FLOWERED. A strikingly tall variety with lateral branches producing many fine spikes.

Rosamond. Exceptionally uniform in habit, bearing bright rose flowers that hold their color. Is two weeks earlier than other varieties. **Pkt. 10c.**

Finest Mixed. **Pkt. 10c.**



Larkspur, Giant Imperial

LOBELIA (a)

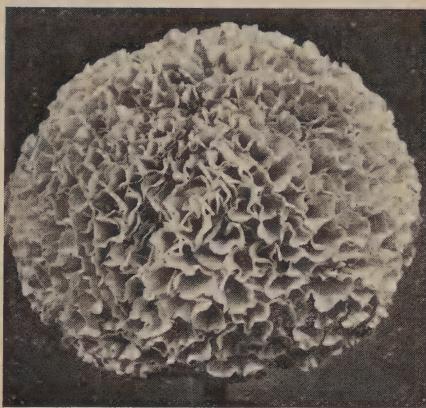
A dainty and continuous blooming annual of compact growth, remarkable for its profusion of beautiful blue flowers. Unexcelled for edging, ribbon beds, hanging baskets or window boxes. Height, about 6 inches.

COMPACTA, CRYSTAL PALACE. Erect and very free blooming. Best dark blue for edging. Fine for pots. **Pkt. 10c.**

LUPIN, Sun Dials

Thrive in almost any situation. Sow where they are to bloom in May, and as plants grow, thin out to 1 foot apart. The annual varieties bloom freely from June until September, and the perennials make a fine addition to the hardy border.

HARTWEGII, ANNUAL MIXED. 2 feet high. All shades and colors. Gorgeous. **Pkt. 10c.**



MARIGOLD (a)

Late in the season when many other growing things are past their prime, these plants supply an abundance of decorative blossoms. Their tones of orange and yellow blend well when the flowers are arranged loosely in bowls and vases. The bright green foliage is finely cut, and the stems are stout. Tall Marigolds give charm to the border, while the dwarfs are valuable for bedding and edging plants.

GIGANTEA DOUBLE MIXTURE. Very showy, fragrant, and of exceptional size. Flowers are largest ever known in Marigold group, averaging 5 to 7½ inches. A mixture ranging from deep orange through golden orange, deep golden yellow, light yellow, lemon yellow, and a delightful new shade of primrose. **Pkt. 10c.**

All of our seeds are tested for purity and high germination.



IRRIGATE Your Garden Correctly

Save time and labor. Full volume delivered without force. No washing of soil—no damage to tender plants. Waterwand weighs only a pound. Easy to handle — reach the back of your deepest flower bed. May be left on the ground for long deep soaking. Waterwand irrigation encourages deep sturdy roots, makes plants drought resistant and longer-lived. Every gardener needs a Waterwand.

52-inch length recommended size. 35 and 19-inch lengths available for potted plants and bench work.

FITS STANDARD GARDEN HOSE **\$2.25**

MARIGOLD (Continued)

AFRICAN TALL DOUBLE (*Tagetes erecta*). Very large globular flowers composed of compact tubular or quilled petals. The stems should be cut carefully to avoid the disagreeable odor when bruised. Height, 2½ feet.

Lemon Queen. Clear lemon yellow. Pkt. 10c.

Orange Prince. Rich, deep orange. Pkt. 10c.

Mixed. Pkt. 10c.

CARNATION FLOWERED. *Guinea Gold.* Carnation-like petals and unusually brilliant golden color makes this flower outstanding among Marigolds. It lacks much of the pungent odor of other Marigolds. The plant blooms very freely. Height, 2 feet. Pkt. 10c.

Yellow Supreme. A companion flower to *Guinea Gold*. The color is a delightful light lemon yellow, flowers medium sized, loosely ruffled. Free-blooming, 2 feet tall. Pkt. 10c.

FRENCH (*Tagetes patula*). This Marigold is more floriferous than the African, but bears smaller flowers. As a rule, instead of being quilled the petals are flat and overlapping. They are often two-toned, which adds to their beauty.

Dwarf Royal Scot, Alldouble. Special Mention, All-America Selections 1937. Royal Scot is a new achievement in Marigolds, new in color and new in that it is dwarf and double. Its growth is dwarf and bushy, every plant of a uniform shape and height of about 10 to 12 inches. Color is a rich mahogany and gold in uniform stripes. Pkt. 10c.

Mixed Shades. Pkt. 10c.

Ferdinand. Saucy, sprightly and colorful. Single flowered with a neat, crested center of dainty tubular florets in an arresting shade of golden yellow surrounded by a single row of mahogany-red petals. Early. Pkt. 10c.

MIGNONETTE, *Reseda Odorata* (a)

This old-fashioned flower still enjoys the greatest popularity. Grown for its sweet perfume, which is most pronounced when grown in a light sandy soil. Height, 6 to 10 inches.

FINEST MIXED. Includes only large flowering varieties of sweet scented Mignonette. Pkt. 10c.

MORNING GLORY, *Ipomoea* (ac)

Climbers of rapid growth, with beautiful and varied flowers. For covering walls, trellises, arbors, they are invaluable.

HEAVENLY BLUE. A variety that is bringing new popularity to Morning Glories. It is an early blooming climber, literally covered with lovely flowers of sky-blue. Flowers 3½ inches across and blooms until frost. Pkt. 10c.

ROSE MARIE. An early flowering variety. Rose-pink, double and semi-double flowers. Pkt. 10c.

SCARLETT O'HARA. Gold Medal, All-America Selections 1939. An entirely new color in Morning Glories—rich dark wine red or deep rosy crimson. Flowers are about 4 inches in diameter. The dark green foliage does not make a heavy growth, leaving the plants graceful in appearance. Pkt. 15c.

MIXED IMPERIAL JAPANESE. These are beyond question the handsomest of all Morning Glories. The flowers are of gigantic size, and colorings beyond description. Pkt. 10c.



Nasturtium, Gleam Hybrids

NEMESIA (ra)

This plant is excellent for edging purposes. Plants send up many slender stalks crowned with fairy-like flowers, something like the Schizanthus. When the flowers fade they may be trimmed back and will bloom again. Their colors run from the brightest reds, yellows, oranges, to the brightest blues and purples. Height, 6 to 12 inches.

COMPACTA TRIUMPH, FINEST MIXED COLORS. Pkt. 15c.

NASTURTIUM (a)

Few garden annuals respond with as little care as the Nasturtium. For ease of culture, duration of bloom, brilliancy of coloring, they are unexcelled. All they need is a moderately good soil, in a well drained, sunny position and within a few weeks from the time they are sown until hard frost comes, there is an endless profusion of their gorgeous blossoms.

GLORIOUS GLEAM HYBRIDS. Award of Merit, All-America Selections 1935. Delightfully sweet scented; double. Color range includes brilliant blend of salmon, golden yellow, orange scarlet, cerise, cream, orange, maroon and crimson shades, and many spotted varieties.

Finest Mixed. Pkt. 10c.

Golden Gleam. Plant forms a vigorous large bush which throws out short runners, averaging 18 inches. The sweet scented, large double flowers are golden yellow and average 2 to 3 inches across. Pkt. 10c.

Scarlet Gleam. A sister of Golden Gleam. Its semi-double blossoms are similar in size and shape to those of the popular golden Nasturtium. Rich, dazzling scarlet. Sweet scented. Fine for cutting. Pkt. 10c.

INDIAN CHIEF. Dark foliage with vivid scarlet flowers. The blooms are sweet scented and freely produced. We recommend this variety with confidence. Pkt. 15c.

DWARF DOUBLE GOLDEN GLOBE. Award of Merit, All-America Selections 1936. Vivid golden yellow, identical in color to Golden Gleam. Plants uniformly dwarf and compact and bear great quantities of semi-double sweet scented flowers. Excellent for edging and window boxes. Pkt. 10c.

TALL OR CLIMBING NASTURTIUMS. For covering trellises, fences, arbors, piazzas, trailing from vases, over rock-work, etc., nothing can equal their great quantities of bloom from early summer until frost. The seed pods can be gathered while green and tender for pickling. Height, 8 to 10 feet. **Finest Mixed.** Pkt. 10c.

DWARF OR BEDDING VARIETIES. Of dwarf, compact growth. Excellent for borders or for bedding, forming plants about 1 foot high by 1 foot across. **Finest Mixed.** Pkt. 10c.

NIEREMBERGIA (See Blue Fern Flower)

Thompson's
Vitamin B-1 Pellets and
Shake-A-Drop Bottle

Add this vital growth factor to your regular garden routine and your flowers will respond amazingly with vigorous, new healthy growth. Thompson's research laboratories make it easy to apply B-1. Just dissolve pellet in Shake-A-Drop bottle, shake into sprinkling can and apply. Fool-proof, no guess-work. Box of 100 Pellets (makes 2000 gals.), Shake-A-Drop Bottle and full directions \$1. Trial box of 10 Pellets and Shake-A-Drop Bottle 25¢

Thompson's
Vitamin B-1
VITAMIZER

Simplifies application of B-1 on large outdoor areas. 1 to 6 Thompson Pellets placed in Vitaminizer and inserted in hose nozzle or garden spray, automatically vitaminizes flower beds, lawns, trees, shrubs. Vitaminizer (for Thompson Pellets only), with directions \$1. Thompson Vitaminizer and box of Thompson Special Vitamin B-1 Pellets with directions, \$2.00 value \$1.89

PANSY, Heart's Ease (b)

When the bright hues of the Tulips and Daffodils have faded, the rich, deep and varied shades of the Pansies provide a welcome change in the flower beds. The varieties listed produce large blooms of good substance, regular markings, and full rich coloring. Low growing.

PANSY, SWISS GIANT. A remarkably fine improved strain of Pansies for the home gardener. Plants are compact in habit, producing immense circular flowers over a long blooming season. Fine range of attractive shades. **Pkt. 25c.**

STEELE'S MASTODON. A vigorous Oregon type, particularly desirable for cutting as the plants are taller and have longer stems. Esteemed for bedding. A fine blend for bright effects. **Finest Mixed. Pkt. 25c.**

POPULAR BEDDING MIXTURE. These are the popular saucy-faced beauties that everybody loves, comprising the finest varieties in all colors. **Pkt. 10c.**

PAINTED TONGUE, *Salpiglossis* (a)

For delicate grace, richness of coloring, and velvety texture, the regal *Salpiglossis* has practically no equal. From a low base of leaves rise slender wiry stalks which bear one or more large lily-like flowers in a magnificent range of colors. Height, 1 to 2½ feet.

SUPERB MIXED. Pkt. 10c.



Petunia, Elk's Pride

PETUNIA (a)

The seed may be started indoors early in the year in seed boxes and later transplanted or sown out of doors in the spring. Cover very lightly and apply water with a fine spray. Be careful not to discard the smaller and weaker seedlings. From these the finest flowers are often obtained, the coarse growing plants frequently reverting to the common types.

PETUNIA HYBRIDA (Single Bedding). 1½ feet. This is a spreading type of Petunia and is used extensively for mass planting and large beds. Very satisfactory for small gardens.

Rose King Improved. Flowers a clear rich rose with a delicate light golden throat. Plants grow 18 inches high, are uniform and bushy, literally covered with blooms. This is an excellent cut flower variety. **Pkt. 15c.**

Elk's Pride. A very large deep purple petunia. Very dark and satiny in texture. **Pkt. 15c.**

BURGUNDY. Beautiful velvety, burgundy-red flowers, with inconspicuous white throats. The petals have a plain edge. A good large-flowered variety. **Pkt. 15c.**

PETUNIA HYBRIDA NANA COMPACTA. 1 foot. A fine type of Petunia for small beds and borders; often used for pot culture. This Petunia holds its habit very well throughout the blooming season.

Cream Star. Silver Medal, All-America Selections 1940. Star-shaped flowers soft creamy white deepening to the golden yellow throat. Profuse. **Pkt. 25c.**

Heavenly Blue (Silver Blue). Enchanting shade of light silvery blue. Dwarf. **Pkt. 10c.**

Mixed. All colors. A very decorative show may be had by sowing these broadcast. **Pkt. 10c.**

SINGLE BALCONY PETUNIAS

A splendid large and free-flowering type for window boxes, vases, hanging baskets, etc. The flowers average 3 inches across.

Deep Blue. Certificate of Honor, Royal Horticultural Society 1935. **Pkt. 15c.**

Rose. Rich fiery rose. **Pkt. 15c.**

White. Award of Merit, Royal Horticultural Society 1935. **Pkt. 15c.**

Rosy Morn. Soft rose-carmine-pink with a white throat. Dwarf and close-growing. **Pkt. 10c.**

Mixed Colors. **Pkt. 15c.**

GRANDIFLORA SINGLE FRINGED

Theodosia. Soft rosy pink with contrasting veined golden-yellow throat. An outstanding variety in this class. **Pkt. 15c.**

RUFFLED GIANTS OF CALIFORNIA

Ruffled monsters, a half dwarf type of erect and robust habit. The flowers are very large and ruffled, with open shallow throats. The colors are mostly the desirable red and dark shades, richly marked and veined.

Supreme Strain. A new strain of rose and pink shades. Light richly veined throats surrounded by satiny petals which are heavily ruffled. Large blooms, 5 to 7 inches in diameter, produced on strong, richly-foliated plants. Excellent bedding variety; fine window box type. **Pkt. 25c.**

DWARF GIANTS OF CALIFORNIA

A dwarf sturdy growing type especially suited to pot culture. Flowers are beautifully ruffled and fringed with open well marked throats.

Mixed Colors. **Pkt. 25c.**

DOUBLE VARIETIES

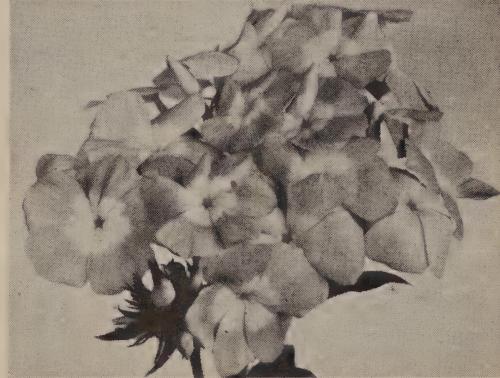
We offer the finest strain of double Petunias and suggest that seed be started indoors in boxes or pans. The small, crumpled seedlings will give the finest flowers.

Choice of Mixed Colors. **Pkt. 35c.**

PETUNIA MINIATURE (Dwarf Compact Varieties)

Rose Gem. Award of Merit, All-America Selections 1936. Rose Gem is the best new miniature Petunia. The flowers are a deep rich rose on neat compact plants, 6 inches high. Each flower is 2 inches in diameter. **Pkt. 15c.**

Betsy Ross. Uniform and compact little plant completely covered with well ruffled blooms. Color is red with white stripes, the white blending to golden yellow at the throat and the red to deep red at the throat. Excellent as a pot plant. **Pkt. 25c.**



Phlox Gigantea, Salmon Glory

ANNUAL PHLOX (a)

DRUMMONDI GRANDIFLORA. A valuable and showy annual highly esteemed for bedding, for massing and for borders. The plants grow about 1 foot high, thrive in practically any soil if given a sunny location and bloom the entire season. Seed may be started in boxes and transplanted or sown in the open in spring.

Mixed. A grand mixture of the finest colors. **Pkt. 10c.**

PHLOX GIGANTEA, Salmon Glory. Silver Medal All-America Selections 1939. Individual florets $1\frac{1}{4}$ - $1\frac{1}{2}$ inches across. Pure salmon-pink with a distinct creamy-white eye. One of the most beautiful color combinations. **Pkt. 10c.**

GIGANTEA ART SHADES. A new strain of annual Phlox with single florets as large as an inch and one-half in diameter. The colors are soft pastel shades, such as apple blossom pink, salmon, light blue, pale violet, etc. **Pkt. 15c.**

PIN CUSHION FLOWER, *Scabiosa* (a)

These beautiful hardy annuals are in great demand. They grow about 2½ feet high and bloom from early in July without interruption until cut down by frost. As a flower for cutting they are very popular. Seeds should be sown any time in the spring after danger of frost is past.

SCABIOSA IMPERIAL GIANTS, Blue Moon. Honorable Mention, All-America Selections 1939. Rich, deep lavender blue, fully double. Lacks the usual pincushion effect, tall and erect. Flowers borne on long, wiry stems. **Pkt. 15c.**



Double California Poppy

POPPIES

POPPY, *Papaver*

Annual Poppies should be sown as early as possible in the spring where they are to remain as they do not transplant readily. Mix the seed with 'builders' sand, using about 25 times as much sand as seed, then broadcast seed on surface of the ground and firm well. Plants should be thinned out to 6 inches apart for best results. Seed may be sown in rows also and in succession up to the middle of May.

SHIRLEY. (a) Known as the Flanders Field Poppy of the World War. The plants with their deeply cut foliage, slender hairy stems, and silky petaled blossoms, often fluted, present an airy picture as they nod in the breeze. Height, 18 inches.

Single American Legion. Dazzling scarlet with white cross at center. Best substitute for the wild Flanders Poppy. **Pkt. 10c.**

Single Mixed. A superb blend of this beautiful type of Poppy ranging in color from pure white through tones of salmon, pink, and rose to brightest carmine-red. **Pkt. 10c.**

Double Pink Shades. This charming sort with its double and semi-double flowers in several shades of pink has great merit. **Pkt. 10c.**

DOUBLE CARNATION FLOWERED MIXED. Perfectly double globular flowers with fringed petals in many brilliant colors. **Pkt. 10c.**

NUDICAULE (p) (Iceland Poppy). A hardy Poppy slightly resembling the Shirley. Somewhat different in habit and contains many shades of yellow and orange. Height, 18 in. **Gartford Giants.** A superb mixture; all colors. **Pkt. 15c.**

ESCHSCHOLTZIA, California Poppy (a)

The state flower of California and one of the most attractive low growing annuals. The foliage is finely cut, fern-like, and silvery green in color. They start to bloom a few weeks after the seed is sown. Height, 12 to 18 inches.

Ramona Hybrids. A new strain containing many lovely shades. The plants grow compact and upright, with flowers beautifully frilled. **Mixed Colors. Pkt. 10c.**

Double Eschscholtzia. The flowers are like little silken flags, beautifully fluted and crinkled, double and semi-double. The colors are yellow, orange, salmon. **Mixed Colors. Pkt. 10c.**

Aurantiaca, Orange. Ordinary California Poppy. **Pkt. 10c.**

MEXICAN TULIP POPPY, *Hunnemannia* (a)

Seed sown early in May will, by the middle of July, produce plants covered with their large buttercup yellow, poppy-like blossoms, and are never out of flower until hard frost. The plants grow 2 feet high, with beautiful feathery foliage.

Sunlite. Award of Merit, All-America Selections. Semi-double, canary yellow. **Pkt. 10c.**

ICELAND POPPY (See Poppy *Nudicaule*)
GIANT HYBRIDS, Mixed. **Pkt. 10c.**

PINKS, *Dianthus* (a)

A charming class of annual flowers for beds, borders, edgings and cutting. The dwarf, rather compact plants average 1 foot in height. Of easiest culture, succeeding in ordinary garden loam. Blooms from July until frosts.

HEDDEWIGII LACINIATUS DOUBLE MIXED (Japan). Superb flowers rivaling the Carnation in size and doubled blossoms. Excellent for bouquets. **Pkt. 10c.**

HEDDEWIGII SINGLE MIXED. Large finely marked flowers having fringed petals. **Pkt. 10c.**

PORTULACA, Moss Rose (ra)

Brilliant hardy annual, of easy culture; excellent for massing in beds, edging or rock work, thriving best in a light, sandy soil and a sunny situation. Flowers of the brightest colors. Height, 6 to 10 inches.

DOUBLE MIXED. **Pkt. 10c.**

SINGLE MIXED. **Pkt. 10c.**



RED HOT POKER, *Tritoma* (p)

A perennial, not strictly hardy, but will live through the winter with a protective covering of leaves or short manure, or the roots may be lifted and carried over winter in sand in a cellar. Height, 4 to 6 feet.

MIXED HYBRIDS. **Pkt. 15c.**

SALPIGLOSSIS (See Painted Tongue)

a, annual; b, biennial; c, climber; p, perennial; ra, rock plant annual; rp, rock plant perennial.



SATINFLOWER, Godetia (a)

Very handsome annual plants especially suited for semi-shady locations. Sow in spring in the open and thin to 8 or 10 inches apart. The flowers are bright and colorful and the single sorts are not unlike the Azalea in form.

TALL DOUBLE. Long graceful spikes are decorated with double blossoms resembling satin pompons one above another. Height 2 feet. **Choice Mixed Colors.** Pkt. 10c.

SCHIZANTHUS (See Butterfly Flower)

SNAPDRAGON, Antirrhinum (a)

Snapdragons are fascinating flowers, with their interesting form and glowing colors. They are easy to grow and will bloom continuously until severe frost, making a wonderful display and supplying unlimited cut flowers. Ordinary good garden soil will produce fine Snapdragons either in full sun or semi-shaded spots. Sow outdoors when danger of frost has passed, or indoors six weeks earlier.

ROSALIE. An all-purpose Snapdragon. An entirely new color of rich deep rose with an underlying tone of topaz or amber. Plants are base branching and produce from 6 to 8 huge, long flowering spikes of well arranged florets. **Pkt. 15c.**

SUPER GIANTS, RUST RESISTANT

30 to 36 inches tall.

APPLE BLOSSOM. Rosy pink, white tube. **Pkt. 15c.**

CAMPFIRE. Luminous scarlet. **Pkt. 15c.**

CANARY BIRD. Canary yellow. **Pkt. 15c.**

COPPER KING. Bronzy copper. **Pkt. 15c.**

CRIMSON. Fiery crimson. **Pkt. 15c.**

LOVELINESS. Soft rose pink. **Pkt. 15c.**

FINEST MIXED. **Pkt. 10c.**



Giant Imperial Stock

STOCKS, Gilliflower (a)

These popular flowers are easily grown, are so highly fragrant, and of such great beauty that they deserve a place in every garden. The Early Giant Imperial class are half-hardy annuals. Beauty Stocks are biennials, but if sown in early spring will bloom the same year. They are also valuable for winter forcing.

BEAUTY OF NICE. It follows the Ten Weeks class in season of bloom. The plants are pyramidal in shape, branching above the base. Excellent for bedding and cutting. Height, 16 inches.

Finest Mixed Colors. **Pkt. 15c.**

GIANT IMPERIAL. Long stems and imposing spikes of large flowers make this the outstanding variety. It is about as early as Beauty of Nice and resembles it in habit, except that the plant is less spreading and taller. Height, 2 feet.

Yellow (Buttercup). **Pkt. 15c.**

Blood Red. **Pkt. 15c.**

Rose. **Pkt. 15c.**

Lavender. **Pkt. 15c.**

White. **Pkt. 15c.**

Finest Mixed Colors. **Pkt. 15c.**



Have Every Feature You Want
in a Garden Glove

**All-Leather—DIRT PROOF—Durable
SOFT — Comfortable — WASHABLE**

Easy on the hands and easy to wear!

Economical, too—outwear 6 pairs of ordinary fabric gloves, are washable and can be used the year round for garden, housework, yard, painting, furnace, garage, etc. You'll like them.

Sizes for Women (small, medium, large) for Men (small, medium, large). Price, 75 cents ■ pair. postpaid (2 pr. \$1.40).



SWEET PEAS

GIANT SUMMER FLOWERING SPENCERS

All colors. Pkt. 10c, oz. 30c.

Pink and Rose Shades

ROSE PINK. Silver Medal, All-America Selections 1940. Large, wavy, rose-pink flowers on white ground. New type, maturing between the early flowering and the Spencer classes. Is taller and has longer stems than either of the others and gives more cut flowers. Free blooming and seems more heat-resistant than the Spencers.

PINKIE. Rose-pink with large and frilled flowers. This variety is seldom affected by weather conditions and first-class blooms can be cut all during its long blossoming period. Silver Medal.

JACK HOBBS. Cream-pink, flushed scarlet. One of the largest sweet peas ever introduced. Gold Medal.

ULLABY. Charming shade of light rose pink. A strong grower. Award of Merit, National Sweet Pea Society 1934.

MISS CALIFORNIA. The color is a beautiful shade of rich pink, deeply flushed and shaded with salmon. Unsurpassed for either exhibition or general cutting purposes.

YOUTH. This sweet pea can be described as a white ground Picotee, but with slightly deeper color on the edges than its predecessor in this group. Strongly perfumed.

Lavender and Blue Shades

AMBITION. Rich deep lavender, with a darker shade on the base of the standard and wings when young, lessening as the bloom ages. Gold Medal and Award of Merit.

POWERSCOURT. A clear pure lavender. Has been considered the best lavender for a number of years. It is still the most popular. The flowers are very pure in color.

THE ADMIRAL. Largest and best navy blue. The color is richer and deeper than Fortune. Award of Merit, Scottish National Sweet Pea Trials. Award of Merit, Royal Horticultural Society.

White and Cream Shades

SEXTET QUEEN. Pure white flowers of perfect form and of great substance. Normally produces five-flowered stems when grown under ordinary conditions. Black seeded. Award of Merit.

WHAT JOY. Primrose, shading to cream. A charming tone and so far the nearest approach to a true yellow.

Orange and Salmon Shades

GEORGE SHAWYER. A giant orange pink, the standard showing more orange than the wings. The flowers are perfectly formed and nicely placed. Award of Merit.

SMILES. Clear glistening salmon, best describes this exquisite variety. The large flowers are beautifully waved and fluted. Award of Merit.

Cerise Shades

MRS. A. SEARLES. Salmon-cerise, merging into a soft oriental-red. A remarkable and distinct color. No collection is complete without this beautiful sweet pea.

ARTISTE. Clear geranium pink; a rare color. Flowers are large and quite frilled. An outstanding sweet pea.

Red Shades

RED BOY. The very best crimson. It is a first-class sweet pea for all purposes, especially for general garden culture. Award of Merit.

WELCOME. By far the best and most brilliant, dazzling, scarlet sweet pea. For exhibition or gardens it is supreme. Absolutely sunproof. Silver Medal, Scottish National Sweet Pea Society.

Maroon and Purple Shades

WARRIOR. Rich chocolate maroon. A magnificent variety which has held its place and popularity for a number of years.

OLYMPIA. Deep rich purple of graceful form and immense size. Gold Medal, Scottish National Sweet Pea Trials.

Special Mixture Spencer Sweet Peas

This is our special mixture and is a blend of all the most beautiful colors in Spencer Sweet Peas.

Pkt. 10c; oz. 25c; 1/4 lb. 60c.

All Colors: Pkt. 10c; oz. 30c.

CULTURE OF SWEET PEAS

Sow as early in the spring as the ground can be prepared in rich, deeply worked soil with good drainage. Cover the seeds about 2 inches deep with fine soil and supply support to the growing vines before they grow too large. Keep well watered during dry periods. One ounce of seed will plant a row about 15 feet long.

VIRGINIAN STOCKS

French Forget-me-nots (ra)

Small red, rose and white flowers about $\frac{3}{4}$ inch across. Fine for edgings. For continuous display until fall, several successive sowings should be made about two weeks apart. Height, 6 to 8 inches.

MIXED COLORS. Pkt. 10c.

STRAWFLOWER, Helichrysum (a)

The finest of all Everlastings. They make unusually fine winter bouquets if cut when partially opened and dried slowly in a cool place, heads downward to keep the long stems straight. The centers of the double pompon-like flowers are nearly covered by the stiff overlapping petals. A wide range of brilliant and soft colors. Height, 2 to 3 ft. Finest Mixed. Pkt. 10c.

SUNFLOWER, Helianthus (a)

Well known and popular plants, the small flowering sorts being useful for cutting. The tall varieties are valuable for backgrounds.

CHRYSANTHEMUM FLOWERED. Large densely double, golden flowers. Fine, long stout stems for cutting. Height, 6 feet. Pkt. 10c.

CUT-AND-COME-AGAIN, MIXED. Single golden yellow flowers with petals twisted like a Cactus Dahlia. (Small flowered sort.) Pkt. 10c.

SWEET SULTAN, Centaurea imperialis (a)

These beautiful long stemmed flowers with their soft velvety heads make very enchanting bouquets. They measure 2 to $2\frac{1}{2}$ inches across while the entire plant stands about $2\frac{1}{2}$ to 3 feet tall. You can grow them readily in any fair garden soil, and your friends are sure to admire them. Mixed. Pkt. 10c.

SWEET WILLIAM, *Dianthus Barbatus* (b)

A well-known, attractive, free-flowering hardy biennial, producing a splendid effect in beds and borders with their rich and varied flowers. Height, 10 to 20 inches.

NEWPORT PINK. Watermelon pink or salmony rose color. Very beautiful. Pkt. 10c.

SCARLET BEAUTY. Rich, deep scarlet. A rare color in hardy plants and very effective. Pkt. 10c.

Single Varieties, Mixed. Pkt. 10c.

Double Varieties, Mixed. Pkt. 10c.

VERBENA (a)

One of the most popular garden annuals for beds and massing and for a gorgeous display during the summer months cannot be exceeded, commencing to flower in July and continuing until frost. Height, 6 to 8 inches.

HYBRIDA GRANDIFLORA CRIMSON GLOW. Flowers are pure, self-colored, glowing crimson, wholly without even a small light eye. Individual florets of good size, although not as large as some other colors, such as pink and lavender. Pkt. 15c.

FLORADEALE BEAUTY. Special Mention, All-America Selections 1937. A giant hybrid, the flowers varying from bright rose-pink to deep rose-red of exceptional brightness. Individual florets of perfect form, fully rounded, and average 1 1/4 inches across; heads or trusses 4 to 5 inches across. Pkt. 15c.

HYBRID GRANDIFLORA GIANT, MIXED SHADES. Pkt. 10c.



Dahlia Flowered Zinnia



WALLFLOWERS, *Cheiranthus* (a)

ENGLISH WALLFLOWER, *Cheiri*

These half-hardy perennial and annual Wallflowers are grown for early spring bedding and for their delightful fragrance. Perennial sorts should be sown in autumn and carried over in coldframe. Annual sorts may be sown outdoors in March and will flower the first year. Height, 2 to 3 feet. Pkt. 10c.

SIBERIAN WALLFLOWER, *Allioni* (ra)

This unusual little plant deserves a place in your rock garden or low border. Upright spikes bear numerous four-petaled flowers of dazzling rich orange. Flowers the first season from seed and when established will bloom all summer. Height, 1 foot. Pkt. 10c.

ZINNIA (a)

One of the most showy and satisfactory of our hardy annuals for beds, mixed borders and for cutting purposes. Easy to grow in any good garden soil. They commence flowering early in the summer and continue until frost.

DOUBLE DAHLIA FLOWERED. 2 1/2 feet. Enormous double flowers are produced by robust branching plants. The flowers usually have slightly hollowed centers ringed with small tubular florets. The petals are quite loosely placed and tend to curl at the edges, giving the blossoms a crisp, fresh appearance.

Crimson Monarch. Deep crimson, large flowers. Pkt. 10c.

Dream. Deep rosy lavender. Pkt. 10c.

Exquisite. Light rose, deep rose center. Pkt. 10c.

Golden Dawn. Golden yellow. Pkt. 10c.

Illumination. Deep self rose. Pkt. 10c.

Oriole. Orange and gold bicolor. Pkt. 10c.

Polar Bear. White. Pkt. 10c.

Scarlet Flame. Bright scarlet. Pkt. 10c.

Mixed. Pkt. 10c.

CALIFORNIA GIANTS. This variety is taller than the Dahlia flowered type, 3 to 4 feet high, with long stems, which make the flowers fine for bouquets. The blooms are large and flat and very graceful for their size.

Finest Mixed Shades. Pkt. 10c.

SUPER CROWN O'GOLD. A vastly improved strain of the Crown o' Gold type, with large well formed flowers, in soft pastel shades, each petal overlaid at the base with deep golden yellow.

Pastel Tints (New). Pkt. 15c.

FANTASY. A new Zinnia type. Shaggy, medium-sized flowers on plants 2 1/2 to 3 feet high. Free blooming. Excellent for cut flowers.

Zinnia Fantasy, Wildfire. A rich, dazzling scarlet. Wildfire adds a distinct note of color and cheerfulness to the garden and will enliven any home when used in flower arrangements. Plants neat in habit, strong growing, and very free blooming; 2 1/2 to 3 ft. in height, coming into flower 45 to 50 days after seed is sown. Pkt. 15c.

DOUBLE LILLIPUT. 12 inches. A charming dwarf which is excellent for low borders or edgings. The plants are of tidy habit and produce a bounteous supply of very double pompon flowers about 1 1/2 inches across. The colors are bright.

TOM THUMB. These tiny flowered Zinnias have a charm the larger ones can never attain, and make a brilliant display. They come in attractive color combinations, red tipped gold, salmon and gold, with a hundred intermediate shades. **All Colors Mixed.** Pkt. 10c.

VEGETABLE SEEDS

ASPARAGUS

1 oz. to 100 ft., 4 lbs. per acre.

Soak the seed for 24 hours before planting to insure more rapid and certain germination. Sow in spring in rows about 18 inches apart, allowing 15 to 20 seeds to the foot. Cover 2 inches deep. When plants are well established, thin to about an inch apart. Hoe frequently during the summer. Set in a permanent bed the following spring.

MARY WASHINGTON. Shoots slightly oval in shape, firm and tender and richly flavored. Pkt. 5c; oz. 15c.



BEANS

Dwarf beans, 1 lb. to 100 ft., 50 to 60 lbs. per acre.

Pole beans, 1 lb. to 100 ft., 30 to 35 lbs. per acre.

Lima beans, 1 lb. to 100 ft., 30 to 50 lbs. per acre.

Plant beans after all danger of frost is past, in warm, dry, well prepared soil. The rows should be 2 to 3 feet apart and the seeds covered 1 1/2 to 2 inches deep. Thin the young plants to 3 to 6 inches apart in the rows.

Shallow cultivation should be frequent until blossoming, then stop to avoid injury to the roots. Root injury causes the blossoms to fall off. For succession, plant every two weeks until midsummer. Frequent picking of the crop insures long bearing.

Prices: Pkt. 10c; 1/2 lb. 15c; 1 lb. 25c, except as otherwise noted.

BUSH, GREEN POD

DWARF HORTICULTURAL. Particularly desirable green shell and snap sort for home and market garden. Plant medium small, thrifty and productive. Pods dark green at snap stage, becoming greenish yellow splashed with carmine. 5 to 5 1/2 inches long. Strictly stringless, slightly fibrous. Seeds plump oval, pinkish buff, spotted and streaked with purplish red.

IMPROVED STRINGLESS GREEN POD. High quality for home and market garden. Plant large, thrifty, heavily productive. Pods medium green, 5 1/2 inches long, almost 1/2 inch wide and equally thick. Very fleshy, strictly stringless, fine grained, tender. Seeds coffee brown.



help you support plants quickly, neatly, permanently!

Banish unsightly twine and raffia, needless work with shears. TWIST-EMS — strong, waterproof, dark-green, sunfast, "invisible" tapes with wire reinforcing—protect stems, permanently support annuals, perennials, vines, shrubs and vegetables. Save time and money. Grand for arranging flowers, tying bouquets. Millions used by successful nurserymen, professional and amateur gardeners. Buy today.



Box of 125
(8 in. long) or
Box of 250
(4 in. long)

25c



TENDERGREEN. This is a new bush bean of utmost value. The plants make a strong and vigorous growth. They are well branched and carry a great quantity of beautiful light green beans. The pods grow 6 to 7 inches long. They are round, extremely meaty, and tender. Even when fully grown they are absolutely stringless.

WHITE NAVY. (The common white pea bean of commerce.) Ripe in 90 to 100 days. Plant large with tendency to form runners. Hardy, very prolific; ripens uniformly. Pods 4 inches long. Dry beans small, white.

BUSH, WAX POD

DAVIS WHITE WAX. Well adapted for shipping. Plant large and thrifty. Pods uniform and attractive. Light yellow, 6 inches long, 1/2 inch wide, thick, oval; fleshy and tender when young, but becomes somewhat fibrous and stringy. Seeds white and excellent for baking.

TOP NOTCH GOLDEN WAX. New bright resistant. A splendid home garden and canning variety. Plant small, productive. Pods very attractive; golden yellow; 4 1/2 to 5 inches long, 1/2 inch wide, thick, oval; fleshy, brittle, stringless. Seeds white, splashed with violet carmine and purple.

PENCIL POD BLACK WAX. Very desirable for home and market garden and for truckers. Plant large and thrifty. Heavily productive over long period. Pods handsome bright yellow, 5 1/2 to 6 inches long, 3/8 inch thick, cylindrical; very fleshy, stringless, brittle, fine grained, and tender. Quality unexcelled. Seeds black.

ROUND POD KIDNEY WAX. (Brittle Wax.) Valuable for home garden and canning. Plants are erect, medium large, prolific. Handsome pods of waxy light yellow, 5 1/2 to 6 inches long, thick and round. Very fleshy, brittle, strictly stringless and without fibre. Seeds white with brownish-black eye.



Pencil Pod Black Wax



LIMA BEANS, DWARF

HENDERSON'S. Sometimes called the Baby Lima, and known in some sections as the Butter Bean. Plant is small, dark green, erect, bushy, and very early. Pods flat, green shelled beans flat, small and of excellent quality. **Pkt. 10c; 1 lb. 25c.**

BURPEE'S IMPROVED BUSH. Plants large, heavily productive. Pods large, $4\frac{1}{2}$ to 5 inches long. Usually contain 4 large, thick beans. Dry beans large, flat, greenish white. **Pkt. 10c; 1 lb. 30c.**

POLE BEANS

BLUE LAKE OR WHITE CREESEBACK. Splendid snap bean for home garden and early market. Good climber, heavily productive. Pods light green, $5\frac{1}{2}$ inches long, $\frac{1}{2}$ inch wide, almost as thick; nearly stringless, very fleshy, brittle, tender. Seeds white; excellent for baking.

KENTUCKY WONDER. This most popular of all pole beans should be in every garden. The dark green pods are round and long, measuring 9 to 10 inches; they are always stringless as snaps, and never become tough. Seeds light brown colored.

KENTUCKY WONDER WAX. An early and hardy bean somewhat resembling the Kentucky Wonder except in color of pods, which are light yellow and broader. If a wax podded bean is desired for home or market this is the one best variety to plant. Seed oval, flattened, somewhat shriveled, dark brown.

OREGON GIANT GREEN POD. We highly recommend this variety to home gardeners. It keeps producing until killed by frost. Large, fleshy pods, 10 to 12 inches in length, stringless, light greenish yellow, splashed with red. A very tasty bean that requires very little care. **Pkt. 10c; 1 lb. 40c.**

OREGON POLE LIMA. Proven over many years to be well adapted to our cool Northwest climate. A strong, vigorous grower, bearing continuously until frost. Pods are at their best when turning yellow.

SCARLET RUNNER. About in season with pole limas. Good climber. Flowers scarlet, decorative. Pods dark green; 6 inches long; flat, oval. Fleshy; desirable for snaps and green shell beans. Seed kidney shaped, flat; dark purple, spotted with reddish buff. **Pkt. 10c; $\frac{1}{2}$ lb. 25c; 1 lb. 45c.**

TALL HORTICULTURAL. The pods when young are of excellent quality and make fine snapshots. They measure 5 to 6 inches long and are stringless. The dried beans are grown extensively for winter use. They are large, of a light fawn color, speckled with dull red. Highly recommended as a baking bean.

BEET

1 oz. to 100 ft., 5 to 14 lbs. per acre.

Seed should be sown at the rate of one ounce to 100 feet of row. The rows should be spaced 14 to 24 inches apart. Work the soil well and cover the seeds about an inch deep. A rich sandy loam is most favorable, but nearly all types of soil will produce beets if sufficiently fertilized and properly tilled. All varieties of beets sell for: **Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 25c; 1 lb. 85c.**

DETROIT DARK RED. The standard of excellence in table beets for home and market garden, for shipping, and for canning. Tops uniform, small, slender, erect. Roots globe shaped; symmetrical, with small collar and small tap-root. Very dark blood red.

EARLY WONDER. Very desirable for home and market garden. Tops small. Root flattened globe shape with small collar and tap-root. Dark purplish red. Flesh deep purplish red zoned a lighter shade.

EXTRA EARLY FLAT EGYPTIAN. Best for forcing and particularly valuable for early market. Tops small and upright. Roots flattened, with long slender tap-roots. Flesh dark purplish red zoned lighter.



SWISS CHARD

1 oz. to 100 ft., 5 to 10 lbs. per acre.

Only the tops of this beet are used, like spinach, and the succulent stalks and midribs may be prepared in the same way as asparagus. The plants are cultivated like beets except that they should be thinned to 8 to 10 inches apart. **Pkt. 5c; 1 oz. 15c; $\frac{1}{4}$ lb. 25c; 1 lb. 85c.**

LUCULLUS, DARK GREEN. The fleshy crumpled leaves of this variety make very choice greens. Plant erect; stalks rounded and finely ribbed. Foliage a rich deep green.

MANGEL WURZEL

1 oz. to 100 ft., 6 to 10 lbs. per acre.

Valuable as stock feed. Plant early in the spring in rows 2 1/2 feet apart. The seeds should be 1 inch apart in the row and covered by 1 1/2 inches of soil firmly pressed down. Cultivate frequently. When the plants are 3 inches high, begin to thin until the roots are 10 inches apart. All varieties of Mangels: 1 oz. 10c; 1/4 lb. 25c; 1 lb. 75c.

DANISH SLUDSTRUP. Very high yielder. Roots long oval, orange colored; flesh white with faint yellow tinge.

GIANT HALF SUGAR. This variety is one of the favorites among the dairymen and hog raisers. It is very sweet and nutritious, as it has a larger sugar content than the ordinary mangel.

GOLDEN TANKARD. Heavy cropper; easily harvested. Roots large; thick oval, nearly cylindrical; light gray above, deep orange below ground. Flesh yellow with white zones.

MAMMOTH LONG RED. Superior to strains offered or Norbiton Giant, Colossal, Monarch, etc. Roots very large; long spindle shape, straight and thick; grow one-third to one-half out of ground. Light red; flesh white tinged with rose.

SUGAR BEET

1 oz. to 100 ft., 6 to 10 lbs. per acre.

Sugar beets are desirable not only for sugar making but for stock feedings, and when small they may be used for the table. The soil producing best results is a rich, friable sand or clay loam. Cultivation is the same as for mangel wurzel. Pkt. 5c; 1 oz. 15c.

KLEIN WANZLEBEN. The most desirable beet for sugar manufacture. Valuable for stock feeding. Roots medium large, 12 to 15 inches long, 3 1/2 to 4 inches at shoulder, tapered; white, with a tinge of gray; very rich in sugar content. Good keeper.



BROCCOLI

1/2 oz. to 100 ft., 4 oz. per acre.

This is similar to cauliflower in color, character of foliage, form, and size of heads. It requires a long growing season and is especially suited to the Pacific Coast states. Pkt. 10c; 1 oz. \$1.25.

ITALIAN GREEN SPROUTING. This vigorous plant is entirely different from the white heading sorts. Cultivated like cabbage, it bears a succession of sprouting heads which, if kept cut, will be replaced by others for 8 to 10 weeks. Each sprout, about 5 inches long, ends in a small head of deep green buds. It is one of the most delicious green vegetables.

ST. VALENTINE. Standard market variety for March shipment. Plants large. Heads large, solid, white, and very well protected.



BRUSSELS SPROUTS

1/2 oz. to 100 ft., 4 oz. per acre.

Small shoots like miniature cabbages clustered around a stem are the valuable part of this unique member of the cabbage family. They are successfully grown wherever conditions are favorable for late cabbage and require the same method of culture. They mature best in the autumn after the weather becomes cool. Pkt. 10c; 1 oz. 75c.

DWARF IMPROVED. Plants dwarf and compact. 20 inches tall. Very uniform; stem well covered with firm, round cabbage-like balls of 1 1/4 to 1 1/2 inches in diameter which mature in succession.

CABBAGE

1/2 oz. to 100 ft., 4 oz. per acre.

For plants of early kinds, sow seed in January under glass and put out into flat about 2 inches apart. Transplant to open ground as early in the spring as the soil can be prepared, setting 1 1/2 to 2 feet apart, in rows, which should be 3 feet apart. Cultivate frequently, and during dry weather water copiously. Late cabbage seed should be sown in drills in open ground during April and May, and transplanted in June or July. Fertilize heavily, using 400 pounds nitrate of soda per acre in three dressings, one-third when plants are set out, and two-thirds a month apart later. Pkt. 5c; 1 oz. 30c; 1/4 lb. 75c; 1 lb. \$2.50.

EARLY VARIETIES

COPENHAGEN MARKET. Distinctly and uniformly early. Splendid for early market and shipment; proving valuable as early kraut variety. Plants small, compact, allowing very close planting. Stem short; heads uniformly round; firm; becomes 6 to 7 inches in diameter. Weight 3 1/2 to 4 pounds. Interior clear white and of excellent quality.

EARLY JERSEY WAKEFIELD. Extremely early variety, very valuable for home and market garden as well as for shipment. Plants very small and compact, allowing close planting; stem short. Heads firm and conical; usually 7 inches long; 5 inches thick near base; weight, 2 to 2 1/4 pounds.

GOLDEN ACRE. The earliest round headed cabbage; especially valuable for early market and shipping. Plants very small and compact; stem short. Heads uniformly round; firm, commonly 6 inches in diameter and weight 3 pounds. Pkt. 5c; oz. 30c.

LATE VARIETIES

DANISH BALL HEAD. With the exception of Hollander, this is the best late cabbage. The plants are medium sized with short stem. Heads large; flattened globe shape; become 8 to 9 inches across, 6 to 7 inches deep, and weigh 7 to 9 pounds. Very firm and solid; of excellent quality; keep perfectly in storage until late spring.

LATE FLAT DUTCH. The best very large, late cabbage. Popular for home and market garden. A good keeper. Heads very large and flat, but deep; become 12 to 14 inches across, 7 inches deep, and weigh 12 to 14 pounds or more; firm and of good quality. Pkt. 5c; 1 oz. 30c.

MAMMOTH RED ROCK. A sure cropper and used very extensively for pickling. The solid heads are borne on medium-length stems and are red throughout. Perfectly round, solid as a rock, and quite large, often weighing 6 to 8 pounds each. The latest of the red cabbages.



Savoy

SAVOY. Enjoys great popularity on account of its tasty flavor, which is sweeter and more delicate than that of ordinary cabbage. The large round heads are somewhat flattened and very heavy. The deep green, crinkled outer leaves enclose the tender, light green heart. It matures late in the fall and will keep all winter.

CHINESE CABBAGE

CHINESE IMPROVED OR WONG BOK. This exceptionally fine vegetable is rapidly growing in public favor. Its growth, which resembles the Cos lettuce, has long heads and crisp leaves. Very mild and pleasant flavor served as a salad or cooked. Pkt. 10c; 1 oz. 40c.

CARROTS

1/2 oz. to 100 ft., 3 to 4 lbs. per acre.

Sow seeds in light sandy soil, from April to Ju'y, in drills 1 1/2 feet apart, covering the seed 1/2 inch deep. Thin out the young plants from 3 to 5 inches apart, according to size of variety. Cultivate freely and do not allow the soil to get too dry during hot weather. All varieties of carrots: Pkt. 5c; 1 oz. 20c; 1/4 lb. 65c; 1 lb. \$1.75.

CHANTENAY, NEW CORELESS. Flesh is a deep golden orange color, always smooth and fine in texture, very tender. Excellent bunching variety and grown exclusively by market growers. Medium early.

DANVER'S HALF LONG. The roots are a rich dark orange color and by reason of its symmetrical shape, which is long



and pointed, it makes an excellent bunching variety. It has proved over a period of years to be the most popular carrot, both with the grower and the shipper.

NANTES CORELESS. Excellent for forcing, as well as for home and market garden use. Tops very small. Roots bright orange, cylindrical, blunt tipped. Flesh reddish orange, crisp, tender and of very delicate flavor. Practically coreless. Pkt. 5c; 1 oz. 25c; 1/4 lb. 75c; 1 lb. \$2.50.

IMPERATOR. This carrot grows to a length of 6 to 7 inches with a shoulder diameter of 1 1/4 to 1 1/2 inches and is a deep orange color. It has a smooth crown; does not have undesirable side shoots; has a fine texture, and is good and sweet. In all respects it is very attractive for shipping purposes. Pkt. 5c; 1 oz. 30c; 1/4 lb. 90c.

OXHEART. Beautiful shape and color. The roots generally attain 4 to 5 inches in length, and about 3 inches in diameter. Quality first rate, very tender, and a variety that is used in quantity.

LONG ORANGE. A heavy cropper on light soils; much grown for stock as well as for table use. Roots scarlet-orange; 10 to 12 inches long, 2 inches thick at the top; tapered, pointed.

STOCK CARROTS

Pkt. 5c; 1 oz. 15c; 1/4 lb. 30c; 1 lb. \$1.00.

WHITE BELGIAN. A late variety, an excellent keeper and a very heavy yielder. Principally grown for stock feed, it will yield as much as 40 tons per acre. Roots are 7 to 8 inches long, 3 inches across at the top, tapered and pointed.

ORANGE BELGIAN. A very productive variety, with roots measuring 20 inches long. They are broad at the shoulder, and gradually taper to a fine point. The skin below the ground is a light orange, but above the soil surface it is green. Will yield heavily, particularly on good deep soil.



CAULIFLOWER

1/2 oz. to 100 ft., 4 oz. per acre.

The same methods that produce good cabbage will grow good cauliflower. The only great difference is that cauliflower heads must be protected from sunlight so as to make sure of the desirable white curd. Gather the tops of the leaves together loosely as soon as the heads begin to form. In shutting out the light, it is important not to cramp the heads.

DANISH GIANT, DRY WEATHER. One of the most dependable in adverse, dry weather. Plants dwarf, short stemmed; larger than Early Snowball. Heads large, 6 to 7 inches across, commonly weigh 2 pounds. White with tinge of cream; of splendid quality. Pkt. 5c; oz. \$1.50; 1/4 lb. \$5.00.

EARLY SNOWBALL. The best for greenhouse forcing, early market and shipping. Plants very dwarf. Heads snow white; deep, smooth, compact; about 6 inches across, weight 1 1/2 to 2 pounds. The standard of excellence in cauliflower. Pkt. 5c; oz. \$1.75; 1/4 lb. \$5.50.



CELERY

1/4 oz. to 100 ft., 4 oz. per acre.

Sow from February to May in drills 1 foot apart. Later, usually in June, transplant to rows 3 feet apart and 6 inches apart in row. Rows should be furrowed out so plants may be set 6 inches deep. Later, soil may be banked against rows for blanching, even so-called self-blanching varieties needing the cool, moist soil to render the stalks crisp and tender, but this should not be done until a few weeks before harvesting. One ounce of seed will produce 5000 plants. Pkt. 10c; 1 oz. 75c.

GOLDEN PLUME OR WONDERFUL. Early and very desirable for home and market garden. Plants medium sized; stocky, full hearted, and compact. Thick solid stalks blanch readily and are of the finest table quality.

GOLDEN YELLOW SELF-BLANCHING. Early and particularly desirable for home and market garden. Plants fairly tall and compact with firm stalks, 26 to 28 inches tall, which blanch readily and are of splendid quality.

UTAH JUMBO WINTER. A remarkable late celery of the finest quality. Plants sturdy, compact and solid. Very free from strings. Light green in color; nutty flavor.

CELERIAC

1/4 oz. to 100 ft., 4 oz. per acre.

Sow seed at the same season and give same treatment as common celery. Transplant to moist, rich soil, in rows 2 feet apart and 6 inches apart in row. Give thorough culture. It is not necessary to earth up or handle the plants. After the roots have attained a diameter of 2 inches, they are fit for use.

LARGE SMOOTH PRAGUE. An improved variety of turnip-rooted celery producing large tubers of nearly globular shape and comparatively smooth surface. Pkt. 10c; oz. 30c.

CORN

Sweet corn, 1 oz. to 100 ft., 10 to 14 lbs. per acre.
Popcorn, 6 oz. to 100 ft., 6 to 8 lbs. per acre.
Salad corn, 4 oz. to 100 ft., 10 to 12 lbs. per acre.

Plant in rich, warm soil, in hills 2 to 3 feet apart, in rows 3 feet apart for early kinds and 4 feet apart for late sorts. Make first sowing about the middle of May and continue fortnightly up to about the middle of July. Pkt. 10c; 1/2 lb. 15c; 1 lb. 25c.

EARLY SORTS

GOLDEN BANTAM IMPROVED. A selection from the original strain of Golden Bantam. Larger ears, more rows of kernels, greater production. Golden yellow, deep, wide, tender kernels with a fine, sweet flavor. Particularly desirable for canners and market gardeners. Remains in table condition a long time.

GOLDEN EARLY MARKET. One of the best extra early yellow varieties for home and market garden. Ears have strong husks and 8 to 12 beautiful tender rows to each ear. Kernels golden yellow, medium, sweet and of good flavor. Very prolific.

GOLDEN SUNSHINE. A very fine early variety. Good sized ears with 10 to 12 rows of medium broad, golden yellow kernels. Sweet and tender. Particularly desirable for market garden use.

OREGON EVERGREEN. A distinct new sugar corn of the evergreen type. The stalk grows 8 to 9 feet high. It withstands drought unusually well and holds its edible quality better than most varieties. One of the best canning varieties and very popular with market gardeners. Ears have 14 to 18 rows of deep ivory white kernels that are sweet and tender.

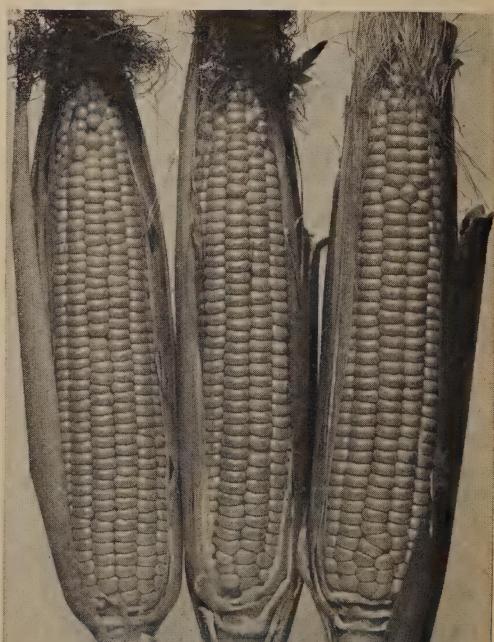
INTERMEDIATE AND LATE SORTS

GOLDEN CROSS BANTAM. Very uniform in habit of growth, size, and maturity. The ears measure 8 inches long and they are closely set with 14 rows of light yellow grains filled with delicious sweet pulp. Bears two ears per plant. Pkt. 10c; 1/2 lb. 20c; 1 lb. 35c.

GOLDEN GIANT. This is the giant among the yellow varieties with ears measuring 8 inches long. Matures its handsome ears about a week after Golden Bantam. Each cob is tightly set with 12 or 14 rows of sugary, creamy, yellow kernels covered by a thin tender skin.

COUNTRY GENTLEMAN. A delicious sweet corn of excellent quality. Widely used by canners and very desirable for private family use. Stalk often has two ears. Cob is small, giving great depth to kernels, which are slender with tender hull and set irregularly without row formation.

STOWELL'S EVERGREEN. One of the best late varieties. Large ears about 8 inches long. Kernels clear white, deep, rather broad, very sweet and tender. 16 to 20 rowed; uniform. Holds well in prime condition at eating stage. Stalk sturdy and erect. Highly desirable for home and market gardeners.



FIELD CORN
8 to 10 lbs. per acre.
Write for prices.

MINNESOTA "13" YELLOW DENT. An early maturing yellow dent corn that is a favorite in all the corn growing sections west of the Rockies. More of it is being grown than all other varieties combined. The stalks are of medium size, the ears 9 to 11 inches long.

PRIDE OF THE NORTH. An early maturing, long-kernelled yellow sort that we recommend for any corn district west of the Rockies. The stalks are larger than those of Minnesota "13" and the kernels deeper.



EGGPLANT

1/4 oz. to 100 ft., 5 to 6 oz. per acre.

Sow in mild heat, about the middle of March, and transplant on June 1, setting the plants 2 1/2 feet apart. Pkt. 5c; oz. 65c.

BLACK BEAUTY. The fruits of this variety are large and symmetrical. Retains its glossy black-purple coloring for a long time. This lasting quality makes it distinctly popular.

IMPROVED LARGE PURPLE. The standard home and market sort. Plants are large, 30 to 36 inches tall. Very productive, commonly bearing 4 to 6 or more large, handsome, dark purple, symmetrical, broad, egg-shaped fruits.



CUCUMBER

1 oz. to 100 ft., 1 to 4 lbs. per acre.

Sow outdoor varieties early in spring, in hotbeds, and transplant to open ground when weather is suitable. For later crop, sow seed when weather becomes settled, in hills 4 to 6 inches apart. They require a warm, rich soil, and should be watered liberally. Pkt. 5c; oz. 20c; 1/4 lb. 60c; 1 lb. \$1.60.

KLONDIKE. Medium early. Fruits handsome; very dark green, white spined; 7 to 8 inches long, slightly tapered. Flesh is waxy, white, crisp, and of excellent flavor. A favorite variety among market gardeners; desirable for shipping.

IMPROVED LONG GREEN. This is a great improvement over the old strain of Long Green. The fruits are unusually hand-

some, being of good form and of a deep green color, which is retained a considerable time after picking. 9 to 10 inches in length.

STRAIGHT-8. An outstanding new variety producing symmetrical, cylindrical fruits about 8 inches long and 1 1/2 inches in diameter. Fruits are well rounded at the ends and when ripe are deep green and free from objectionable striping or tipping. Ideal for home or market garden.

BOSTON PICKLING. An early pickling or slicing variety. Fruits weigh about 1 1/2 pounds, 6 inches long and 2 1/2 inches in diameter.

LEMON. The vines produce prolifically, dainty little cucumbers resembling lemons in both form and color and having a delicious and distinctive flavor. A popular variety for the home garden. Fine for preserves or sweet pickles and considered superb as a salad.

ENDIVE

1 oz. to 100 ft., 4 to 5 lbs. per acre.

Sow about the middle of April, in rows 1 1/2 feet apart, and thin to about 9 inches apart. Pkt. 5c; oz. 15c.

BROAD-LEAVED (ESCAROLLE). Leaves long, broad, and succulent. Fine for winter salads and cooking.

GREEN CURLED. Standard variety for fall and winter crop.

KOHL RABI

1/2 oz. to 100 ft., 4 to 5 lbs. per acre.

The delicious flavor of this turnip-shaped bulb combines both cabbage and turnip. As early in spring as possible, sow the seed in light rich soil in rows 1 1/2 feet apart. When plants are well established, thin to 6 inches apart in the row. Pkt. 5c; oz. 35c.

EARLY PURPLE VIENNA. Standard early sort. Plants small; leaves dark green and profuse purple staining. Bulbs flattened globe shape, best for use when 2 to 2 1/2 inches in diameter, but become larger; exterior purple; but flesh white; mild, crisp, and tender.

EARLY WHITE VIENNA. For forcing. The best table sort if used when the bulbs are 2 inches in diameter. It matures very early and produces medium sized, light green bulbs with white flesh of excellent quality.

KALE, Borecole

1 oz. to 100 ft., 4 to 5 lbs. per acre.

The culture is practically the same as that of late cabbage, but as the plants will withstand several degrees of frost they can grow late into the fall. Many think kale best after the first heavy frosts. Pkt. 5c; oz. 15c.

DWARF GREEN CURLED SCOTCH. Plants have wide-spreading, finely furled blue-green plume-like leaves. Relished as a vegetable green and useful as an ornament.

TALL GREEN CURLED SCOTCH. Hardy plants with leaves deeply cut. Curled at the edges, light green in color; very tender and finely flavored after touched with frost.

JERSEY OR THOUSAND HEADED. Called Chicken or Cow Kale. Vigorous branching plants with enormous cabbage-like leaves. Relished by poultry and livestock as winter greens. Pkt. 5c; 1 oz. 10c.





Lettuce, New York Improved

LETTUCE

1/2 oz. to 100 ft., 3 lbs. per acre.

Sow the seed in hotbeds during February until the middle of March, afterward transplanting into flats or coldframes, leaving about 6 to 8 inches between the plants. As soon as weather becomes suitable, transfer to open ground and set out in rows 1 foot apart, leaving 9 inches between the plants in the rows. Pkt. 5c; oz. 20c; 1/4 lb. 50c; 1 lb. \$1.50.

NEW YORK NO. 515 IMPROVED. A development from Number 12, matures slightly earlier and should be grown where there is hot weather as it is resistant to tip-burn. Pkt. 5c; oz. 25c; 1/4 lb. 60c; 1 lb. \$1.75.

SIMPSON'S EARLY CURLLED. Widely used for home gardens. Early, hardy, and dependable; non-heading with large crumpled, frilled leaves, forming a compact bunch at center of plant. Light green in color. Tender and sweet.



Grand Rapids

GRAND RAPIDS. Very early. Hardy, disease resistant; the most widely used and best adapted variety for greenhouse forcing. Plants large, upright, compact, and handsome; bright solid light green; leaves large, broad; margin much frilled; very tender and sweet when grown under glass.

HANSON. A very hardy lettuce, excellent for a summer crop as it withstands heat. Forms a large, light green head, which is very hard. An excellent variety for the home gardener for it is very sweet, crisp and tender.

RED LEAF PRIZE. An early non-heading sort, very desirable for home garden use. Plants of medium size, crisp and tender; color medium green with brownish-red edges on outer leaves.

CHICKEN LETTUCE. This is a non-heading lettuce, quite different from those used for human food. The plants grow 4 ft. tall before they run to seed. It is ready for cutting in 45 days after sowing. Planted extensively for feeding poultry and rabbits.

MUSKMELON

1 oz. to 100 ft., 3 to 4 lbs. per acre.

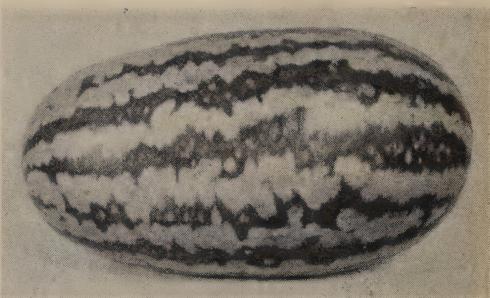
In sections where the summers are short, seed can be planted indoors or in hot beds in small boxes. The young plants can be transferred to the garden when danger of frost is past. If practicable, spade in a liberal forkful of well rotted manure at the bottom of each hill. The rows should be at least 6 feet apart and the hills 3 feet apart in the rows. In general, the culture is the same as that for cucumbers. Pkt. 5c; 1 oz. 15c; 1/4 lb. 40c; 1 lb. \$1.25.

HEARTS OF GOLD. This popular medium sized melon follows the earlier varieties. It is fine to plant for succession as it ripens in about 100 days. The fruits are 5 to 6 inches in diameter. The smooth orange salmon flesh is exceptionally thick and fine flavored.

HALE'S BEST No. 45. The No. 45 is a true Hale's Best, mildew resistant. An early variety. Oval shape, medium sized melon with heavy net and a faint stripe. Flesh is deep salmon, thick, and firm with small seed cavity.

CASABA. The casaba is rapidly taking its place as a melon for the late season after the muskmelons are past. Fruits are medium, large, globe shaped, weigh 6 pounds, outer color golden yellow, surface wrinkled. Flesh white, luscious and spicy. Pkt. 5c; oz. 15c.

HONEY DEW. A very fine melon. Fruits large, globular, weigh 5 to 7 pounds. Surface is smooth, hard, with practically no netting, creamy white. Flesh is light emerald green, thick ripening to the rind; juicy and tender, with a distinct sweetness not found in other melons. Pkt. 5c; oz. 15c.



Striped Klondike Watermelon

WATERMELON

1 oz. to 100 ft., 3 to 4 lbs. per acre.

Rich, rather sandy soils produce the finest crops of watermelons, but a well-drained loam, especially with a southern exposure, is also suitable. Place 6 to 8 seeds in a circle in each hill, and cover 1/2 inch deep with fine soil. One ounce will plant 20 to 25 hills; 3 to 4 pounds per acre. Pkt. 5c; oz. 15c; 1/4 lb. 30c; 1 lb. \$1.00.

BLACK-SEEDED ICE CREAM. The melon is almost round, with a thin rind of medium green. The inside flesh is pink and exceptionally sweet and fine flavored. This variety matures early and is a fine keeper.

KLECKLEY SWEET. A medium size melon, rind very green and flesh deep red. Delicious flavor. An excellent melon for either home garden or shipping. Weighs about 30 pounds.

KLONDIKE BLACK SEEDED. An early sort, a good shipper and popular in Western home gardens. Fruits oblong, slightly tapered, medium sized with slight ribs; rind medium hard. Flesh bright deep red, very sweet; unequalled eating quality.

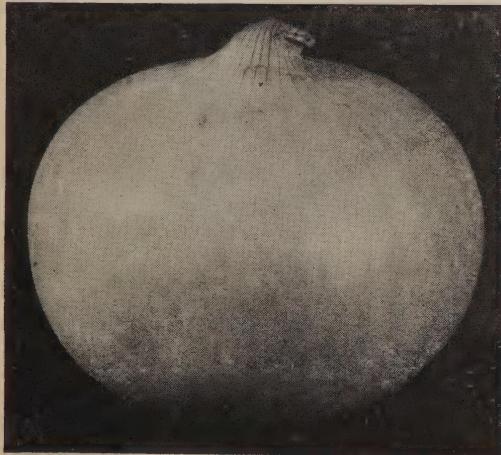
STRIPED KLONDIKE. An early garden and shipping variety similar to the regular Klondike but with irregular dark green stripes. Fruits oblong, of medium size. Flesh the deepest red known to watermelons; sweet and crisp, seed small.

MUSTARD

1/2 oz. to 100 ft., 4 lbs. per acre.

Seed may be sown from early spring to midsummer in rows 18 inches apart. Thin to 5 or 6 inches apart in the rows. The plants are in condition for use as soon as the leaves are the size of one's hand. Mustard runs to seed quickly, so that successive plantings are necessary for a continuous supply. Pkt. 5c; 1 oz. 15c.

SOUTHERN GIANT CURLED. The leaves are large, light green with a tinge of yellow, and much crumpled and frilled at the edges. The plant is upright or slightly spreading in growth. This variety is valued in the South on account of its vigorous growth, hardiness, and good quality.



White Portugal Onion

ONIONS

1/2 oz. to 100 ft., 3 to 4 lbs. per acre.

As early as soil can be worked in spring, sow the seeds thinly in drills 1 foot apart, and cover lightly, later thinning out to about 6 inches apart in the row. The soil must be well fertilized and be made very friable. In hot weather, water frequently.

CRYSTAL WAX BERMUDA. Medium size, pure, waxy white. One of the mildest sorts grown. Pkt. 5c; 1 oz. 40c.

WHITE PORTUGAL, OR SILVERSkin. A good second early white flat onion. It should be planted any time from November 1st until April 1st. It is good keeper and desired for shipping. Also very desirable for green bunching onions. Under good cultivation the average diameter is from 4 to 6 inches. Pkt. 5c; 1 oz. 40c; 1/4 lb. \$1.35; 1 lb. \$3.75.

RIVERSIDE SWEET SPANISH. A large, globe shaped brown onion, weighing 1 to 3 pounds. Small tops. Flesh mild and sweet. Good for slicing. Most popular market onion. Pkt. 5c; 1 oz. 40c; 1/4 lb. \$1.35.

YELLOW GLOBE DANVERS. An outstanding variety, dependable cropper, medium late, hardy, and excellent keeper; used for shipping and storage. Bulbs medium size, spherical, clear yellow, firm and solid and tough, clinging skin. Flesh white with slight yellow tone. Pkt. 5c; oz. 40c; 1/4 lb. \$1.25.

ONION SETS. Sets are Northern grown, hardy, carefully cleaned, sized and packed. Produced for Western conditions. Plant onion sets deep for green onions and shallow for dry onions. **Write for quantity prices.**

1 qt. to 100 ft., 12 bushels per acre.

OKRA or GUMBO

2 oz. to 100 ft., 8 to 10 lbs. per acre.

Sow seed early in May, in rows 3 feet apart and 2 inches deep. As plants appear, thin out to about 1 foot apart. Pkt. 5c; oz. 15c.

IMPROVED DWARF GREEN. Early. Short, thick pods.

PERKIN'S MAMMOTH LONG POD. Standard medium early sort for home, market garden and canning. Plants 4 to 5 feet tall; pods dark green, fleshy, tender; become 7 to 8 inches long, 1 1/8 inches in diameter. Distinctly ribbed and tapered.

PEAS

1 1/2 lbs. to 100 ft., 90 to 180 lbs. per acre.

For first crop, rounded seeded peas should be sown in the open ground as soon as it is fit to be worked; wrinkled varieties should be planted 2 to 3 weeks later. Frequent planting for succession, and a careful selection of varieties, will give an almost continuous crop of peas from June until frost. Sow peas in rows 3 feet apart and 1 to 2 inches deep. Rotted horse manure and wood ashes should be freely used in the preparation of soil for pea growing. Pkt. 10c; 1/2 lb. 15c; 1 lb. 25c.

FIRST EARLY VARIETIES

AMERICAN WONDER or NOTT'S EXCELSIOR. Important early dwarf variety for the home garden. Vines 12 to 14 inches tall, dark green, very productive. Pods medium green, 3 inches long, plump and straight, blunt; seeds medium small, squarish, wrinkled, green; interior green.

ALASKA. This variety is extremely early. The round pods, 2 1/2 inches long, contain 5 to 8 peas, which are ready to use in about 55 days. The peas are small, round and tender. The vines are 2 1/2 to 3 feet tall.

GRADUS, OR PROSPERITY. A very popular second early, large podded variety for home use and market. Vines 36 inches tall, medium green, stocky. Pods single, broad, plump, pointed, medium green; contain 8 to 10 large, sweet, delicious peas.

LAXTON'S PROGRESS OR BLUE BANTAM. A little earlier than other dwarf large podded peas, this variety is generally considered the best of its class. The blue-green pods are often more than 4 inches long and contain 8 dark green peas of finest quality. The seeds are large, wrinkled, green and cream in color.

LITTLE MARVEL. Outstanding among dwarf peas on account of its exceptional quality and yield. Valuable for home garden and early market. Vines dark green, 18 inches tall, stocky. Pods single and double, dark green, blunt, plump, well filled with 7 to 8 tender peas.

BONNER'S BEST PEAS (62 days.) This new pea was originated in the northern part of Idaho. Very heavy yielder; heavy dark green foliage, sweet and produces over a long period. Height 16 inches. We consider this our best early wrinkled variety. **Carton 15c; 1/2 lb. 20c; 1 lb. 35c.**



MIDSEASON VARIETIES

TALL TELEPHONE OR ALDERMAN. A handsome, large podded variety. Unexcelled for home gardens, for local markets and for shipping. Bears immense crops; wilt resistant. Pods single, very broad, plump, straight dark green, pointed, contain 8 to 10 peas of highest quality.

DWARF TELEPHONE. Only about 2 feet tall. Resembles Telephone, and the pods are well filled with peas of the same good quality. It is an excellent variety to follow the early peas in the home garden. Seeds large, wrinkled, green.

LATE VARIETIES

IMPROVED STRATAGEM. A superior late variety. Vines deep green, 26 inches tall, stocky and branching. Pods single and paired, wide, nearly round, straight, pointed, dark green. Contain 8 to 10 tender peas.



PARSNIP

1 oz. to 100 ft., 3 to 4 lbs. per acre.

Sow the seed as soon as season will permit, in drills about 2 feet apart, and thin plants out to 1 foot apart in the row. The ground should be deeply trenched and well manured.

Pkt. 5c; oz. 15c; 1/4 lb. 30c; 1 lb. 80c.

HOLLOW CROWN, THICK SHOULDER. This is the best and most popular variety in cultivation. The skin is smooth and white, while the flesh is tender. The roots grow 18 to 20 inches in length, but the first 8 inches from the top is the best part.

PARSLEY

1/2 oz. to 100 ft., 3 to 4 lbs. per acre.

Parsley seed is even slower than parsnip in germinating. It grows best in rich mellow soil and should be sown as early as possible in spring in rows 1 to 2 feet apart with a covering of not more than 1/2 inch of soil firmly pressed down. When the plants are well up, thin them 8 to 18 inches apart in the row. Pkt. 5c; oz. 20c.

EXTRA TRIPLE CURLED (MOSS CURLED). This vigorous, compact grower is one of the most popular varieties because of its deep green color and tightly curled leaves that look like moss. It is unusually decorative for table use.



PUMPKIN

4 oz. to 100 ft., 3 to 4 lbs. per acre.

Pumpkins are typically American and pumpkin pie is one of our truly American dishes. They are less sensitive to unfavorable conditions of soil and weather than melons or cucumbers, but they are cultivated in about the same way.

Pkt. 5c; 1 oz. 15c; 1/4 lb. 35c; 1 lb. \$1.00.

LARGE YELLOW OR CONNECTICUT FIELD. This sort is grown largely in the corn field for stock, but the flesh is moderately fine grained, highly flavored and very good for pies. The fruits weigh about 20 pounds and are a rich, deep orange yellow color.

SWEET OR SUGAR. A small handsome variety, and very popular. The skin is a deep orange yellow. Flesh fine grained and sweet in taste. Famous in Boston as a pie pumpkin. It sells better on our local market than any other variety except the Jack o' Lantern at Hallowe'en time.

WINTER LUXURY. This variety is very popular for the home garden. The fruit matures in 75 to 80 days, weighs 8 1/2 pounds, and is nearly round. The skin is light yellow with a russet tinge and finely netted; the flesh is rich creamy yellow, very thick, sweet, and finely flavored.



PEPPER

1/4 oz. to 100 ft., 1 to 2 lbs. per acre.

Culture and soil and temperature requirements are about the same as for eggplant. A moderate dressing of guano, poultry manure, or complete commercial fertilizer, hoed into the soil after the plants are 6 to 8 inches tall, will be very beneficial. Pkt. 5c; 1 oz. 60c; 1/4 lb. \$1.75.

CALIFORNIA WONDER. Thickness of flesh alone, which is often 3/8 of an inch, places this sweet pepper above all others. It is crisp and juicy, too, without a trace of pungency. Vigorous growing plants bear a heavy yield of blocky fruits that become as much as 5 inches long and 4 inches wide.

CHINESE GIANT. Fruits are often 6 inches across and 4 1/2 to 5 inches deep. The flesh is moderately thick and very mild. The fruits are rich bright green when young, and bright cherry red at maturity.

LARGE BELL OR BULLNOSE. A popular, early, sweet prolific sort, with small, erect plants. Fruits blunt; flesh fine quality and mild flavor. Much used for stuffing.

LONG RED CAYENNE. This well-known, medium early pepper is especially good for drying purposes. The fruit is 4 inches long and 1 inch thick, twisted and pointed. It is deep green when young and bright red when ripe. The flesh is strong and pungent.

PERFECTION PIMENTO. A splendid canning variety, adapted to home and market garden culture. Plants large, erect, prolific. Fruits heart-shaped, very smooth; flesh exceptionally thick, sweet and mild.



Early Scarlet, Globe

RADISH

1 oz. to 100 ft., 10 to 12 lbs. per acre.

For an early crop, sow in hotbed in January, February and March. As soon as ground is fit to be worked, sow seed in the open, in rows 1 foot apart. Pkt. 5c; 1 oz. 15c; 1/4 lb. 30c; 1 lb. 80c.

EARLY SCARLET GLOBE. The earliest of all forcing radishes grown for market. Globular, uniform size, bright scarlet, white flesh, crisp and tender.

EARLY SCARLET TURNIP—WHITE TIP. This variety grows very quickly and is ready for picking in 25 to 30 days. Scarlet in color, turnip shaped, very crisp and of excellent flavor. One of the best varieties for the home gardener.

CRIMSON GIANT. A favorite with home gardeners. Large globular root, 1 to 1 1/2 inches in diameter, deep crimson, flesh firm.

FRENCH BREAKFAST. A splendid variety for home use; oblong, bright scarlet, white tip. Grows about 1 1/2 inches long and 5/8 inch thick.

LONG WHITE ICICLE. Long slender roots which remain tender and crisp until grown. Matures early; has small top, which permits close planting.



Early Scarlet, White Tip

WINTER VARIETIES

BLACK SPANISH LONG OR ROUND. A hardy, large rather pungent variety for winter use. Keeps unusually well; is 8 to 9 inches long and 2 inches thick, slightly tapered. The skin is black and flesh white and crisp. Round, about 4 inches in diameter.

CHINA ROSE WINTER. A large rose colored variety from the Orient. Hardy and rather mild. The flesh is white, and very crisp. This variety is broadest at its base and is 4 to 5 inches long.

RUTABAGA, Swedish Turnip

1 oz. to 100 ft., 2 to 4 lbs. per acre.

The culture is the same as for common turnip, but if anything, less exacting in care. Pkt. 5c; oz. 15c; 1/4 lb. 30c; 1 lb. 80c.

IMPROVED AMERICAN PURPLE TOP. The old, popular standard sort both for stock feeding and table use. Flesh yellow, solid and sweet. Is globe shaped, of large size, of fine quality.

SALSIFY, Vegetable Oyster

1 1/2 oz. to 100 ft., 7 to 8 lbs. per acre.

The roots have a flavor like oysters. Succeeds best in a light, well enriched soil. Avoid coarse and fresh manure,

as it will cause irregular and branched roots. Sow early and quite deep, giving the culture recommended for parsnip.

MAMMOTH SANDWICH ISLAND. Large and strong growing with long, smooth, white, tapering roots less likely to branch than those of other sorts. Pkt. 5c; 1 oz. 20c.



SPINACH

1 1/2 oz. to 100 ft., 10 to 20 lbs. per acre.

Sow in rows 16 to 20 inches apart and thin to 6 inches apart in the row when leaves are an inch wide. In the North, seed can be planted as soon as the ground can be prepared. In the South spinach will winter over with little or no protection. Pkt. 5c; 1 oz. 15c; 1/4 lb. 35c; 1 lb. 90c.

IMPROVED THICK LEAF. The seed of this thick leaved variety produces the largest spinach. The leaves grow rapidly and remain in good condition a long time. The medium green leaves are large, rounded, slightly crumpled, succulent, and tender. It is an excellent home garden spinach.

NEW ZEALAND. Although not a true spinach, the leaves look like spinach and are very useful as greens. On soils too poor to grow spinach successfully, the plants thrive and produce groups of small fleshy leaves that are tender and delicious when cooked. Each branch of the plant produces others, so that it goes on providing a continuous supply of greens throughout the summer.



SQUASH

Vining, 1 oz. to 100 ft., 4 lbs. per acre.

Bush, 1 oz. to 100 ft., 4 to 6 lbs. per acre.

Sow about the middle of May, in hills 4 feet apart for bush varieties, and 10 feet apart for the running sorts. Put 12 to 15 seeds in each hill; afterward thin out, leaving 3 or 4 of the best plants. Pkt. 5c; oz. 15c; 1/4 lb. 40c; 1 lb. \$1.25.

ZUCCHINI OR ITALIAN. The favorite Italian squash. It should be eaten when quite young, 4 to 6 inches long. It is

a delicious summer variety; do not hesitate to plant it. It is very prolific; a few hills will suffice to keep the family well supplied the entire summer.

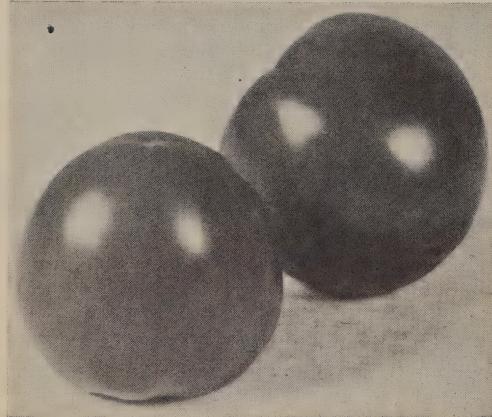
EARLY SUMMER CROOKNECK. Very early, 60 to 65 days. The bushy plant is very productive of attractive fruits, weighing about 2 pounds. The skin is distinctly warty and bears a bright yellow color, while the flesh is pale cream, firm and tender. A very good sort for home planting.

GOLDEN HUBBARD. A very good variety of medium size; weight about 8 pounds. An excellent keeper on account of its thick rind, which is of a beautiful golden color.

IMPROVED HUBBARD. Large and warty Hubbard type. Shell dark green, hard, moderately warty. Flesh light orange, very dry and richly flavored. One of the best winter squashes.

TABLE QUEEN OR DANISH. Small, dark, green, acorn shape. Flesh rich yellow, dry, richly flavored. Medium early. A good keeper. Easy to grow.

WHITE BUSH SCALLOP. A popular variety bearing profusely small, rather flat white squashes with a distinct scalloped edge. Is very early and has a fine flavor.



Improved Stone

TOMATO

1/8 oz. to 100 ft., 2 oz. per acre.

In February or March sow seeds lightly in rows in greenhouse, hotbed, or window box, and when plants have reached a height of 3 inches, transplant in hotbeds. About June 1, set out in open ground, 4 feet apart, giving plenty of well rotted manure to each plant. Water freely during hot weather. To obtain the best results, trellises or stakes should be used. Pkt. 5c; 1 oz. 35c.

BONNY BEST. One of the very best early varieties for table and canning. Vine medium, not very hardy. Fruits medium sized, apple shaped, smooth, solid, bright scarlet in color, of excellent quality.

CHALK'S EARLY JEWEL. A second early sort. Good for canning. Plant medium with open growth; prolific. Fruits medium large, smooth; scarlet, flattened globe-shaped.

JOHN BAER. A superb early variety excellent for local markets and canning. Fruits medium size, smooth, semi-globular, deep scarlet. Perhaps the most extensively grown tomato in the Inland Empire.

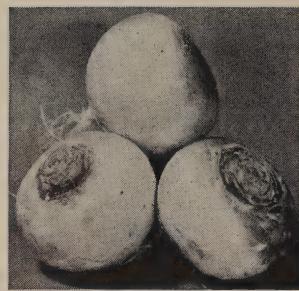
SPARK'S EARLIANA. One of the earliest scarlet fruited varieties. Medium size, almost seedless and solid. Vine open and spreading. A heavy bearer. Succeeds everywhere.

MARGLOBE. The best general purpose tomato recently introduced. Excellent home garden variety and particularly valuable for shipping. Plants thrifty and heavily productive and of long bearing period. Fruits uniform open scarlet; large; uniformly globe shaped; smooth, solid, and of distinct quality.

PRITCHARD (SCARLET TOPPER). Wilt resistant, of the type of plant known as self-topping or self-pruning. Mid-season to late and a heavy topper. Fruit globe shaped, deep scarlet, smooth and solid. A good home and market variety and very popular for shipping. 80 to 85 days.

GROUND CHERRY OR HUSK TOMATO. Fruits small, yellow, enclosed in loose paper husks. Very much prized for preserving. Pkt. 10c; 1 oz. 75c, postpaid.

YELLOW PEAR. Enormously productive. Fine for salads or marmalade. Sweet and delicious. Small, yellow, pear-shaped fruits of exceedingly mild and pleasing flavor. Pkt. 10c; 1 oz. 75c.



TURNIP

1 oz. to 100 ft., 2 to 3 lbs. per acre.

For main crop, sow in open ground from May to July; for winter use, during July and August. Set out in rows 1 1/2 feet apart, allowing a space of 6 inches between the plants. Pkt. 5c; 1 oz. 15c; 1/4 lb. 30c; 1 lb. 90c.

PURPLE TOP STRAP LEAF. A medium early, very productive variety. Tops medium small, upright, strap-leaved. Roots flat, purple red at the top, white below; flesh white, fine grained and tender.

PURPLE TOP WHITE GLOBE. This variety may be grown to quite a large size without developing signs of coarseness. It is of spherical shape with white skin, the upper one-third being colored reddish purple. Flesh pure white, firm, fine grained and of superior flavor. Good keeper. Fine for table use and stock feeding.

SNOWBALL. A desirable sort for home use and early markets. Tops small and erect. Roots medium sized, round, white throughout, crisp, sweet and tender.

YELLOW ABERDEEN. Excellent for winter use. Cut leaved, globular, quite smooth; color purple top, yellow below; flesh firm, tender, light yellow.

BORTFIELD. The easiest harvested root crop. A good keeper; will keep through the average winter in the field. Due to thick skin, is quite resistant to worm injury. A very heavy yielder.

COW HORN. This variety is pure white; in shape like a carrot, growing nearly half out of the ground, and slightly crooked. It is delicate and well flavored. Used also as a green manuring crop.

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to keep your garden
pest-free with NEW

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Prevent and kill destructive garden pests with new HARCO—professional-type low price Sprayer. Easy to Use. Simply squeeze pump handles together. Sprays Up, Down, Sideways—Without Adjustment. Conveniently-long extension rod sends penetrating spray onto tops of tall shrubbery, 'neath undersides of small plants, into hard-to-reach places. Simple Construction. Nothing to get out of order. No Leaks or Drips to wet hands or stain clothing. Many Uses. Waters house plants, seedlings in flats. Freshens up cut flowers. Sprays potted plants, inside shrubs. \$1.95 Order today. ONLY.... COMPLETE



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A wonderful mixture resulting from years of experience. It is especially prepared by us from the highest quality seeds produced. It makes a smooth, green, velvety lawn with a thick bottom, free from common grasses which are inclined to produce clumps or knots. Only the very finest varieties of the most suitable grasses for making an even, thick mass are used in this mixture. The various grasses composing this well-balanced blend are fine-bladed and deep rooting, sure to produce the best results under our conditions of soil and climate. It is all plump, heavy seed, free from chaff or weed seeds. Sow one pound for a plot 20 by 20 ft. (400 sq. ft.); 100 to 150 lbs. of seed are required to sow one acre.

ENQUIRE FOR PRICES ON LAWN SEEDS LISTED BELOW

ASTORIA BENT. This strain of Bent differs from the Seaside variety in that it does not send out stolens, but it spreads underground, sending up many rootstalks that produce a splendid turf. The growth is upright, of fine texture and is a richer green than Seaside Bent. It is more practical for lawns and succeeds best in heavy soils. Sow 1 pound to 200 square feet.

SEASIDE CREEPING BENT. Coos County strain, is the true creeping bent. The plant is dwarf and multiplies rapidly by sending out runners in all directions; from these, new plants are produced, and in turn grow more runners. The turf becomes matted, and if damaged heals over promptly. Sow 1 pound to 200 square feet.

CHEWING FESCUE. Used extensively on putting greens, fairways and tees on golf courses, and does well on any kind of soil. It also produces a stiff, upright plant. Sow 1 pound to 150 square feet.

KENTUCKY BLUE GRASS. Makes an excellent lawn of dark green color. It forms a fine mat. With care and water makes one of the best lawns. Sow 1 pound to 200 square feet.

SHADY BLUE GRASS (Poa Trivialis). An ideal perennial grass for shady spots. Is closely related to Kentucky Blue Grass, but somewhat finer and softer in texture. It is a creeper of an apple-green color. Requires plenty of water. Sow 1 pound to 200 square feet.

SHADY LAWN MIXTURE. This grass is especially adapted for growing in very shady places or near buildings where other grasses will not grow. If you have a shady, barren place, try our Shady Lawn Mixture. Sow 1 pound to 200 square feet.

WHITE DWARF CLOVER. Very low growing sort, principally used in poor ground to give a green color. Many like it in lawns, especially where grass does not do well. Sow 1 pound to 300 square feet.

RYE GRASS. A rapid growing grass where quick results are required. It is coarser than Kentucky Blue Grass and thrives in poor soil. It is used as a "nurse" crop in mixtures to keep the lawn green while the better, slow-growing varieties are becoming established. Sow 1 pound to 150 square feet.

RED TOP. A fine-bladed grass that succeeds on almost any soil, although it does best under moist conditions. It is used in almost all lawn mixtures. Should not be planted by itself unless specifically recommended. Sow 1 pound to 200 sq. ft.



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A GUIDE TO PEST CONTROL

The most common destructive insects are illustrated below (some greatly enlarged). The numbers indicate the products described on this page that are generally used in their control. Other pests are mentioned under product names.



PLANT DISEASES

Black Spot on Roses 14, 17 · Peach Blight 8, 14, 17
Leaf Spot 14, 17 · Peach Leaf Curl 8, 14, 17
Mildews 7, 14, 17 · Rose Mildew 14, 13, 17
Molds 14, 17 · Rose Rust 14 + 16, 14, 17



1. **ANT-B-GON** Ant Poison. For Argentine and Sweets-Eating Ants. With patented "wick" feeder for garden use. Keep a supply of filled dispensers in the garden near the house at all times.
- ANT-B-GON Dispenser Sets
Four, 1-oz. bottles.....\$.60 per set
2. **ANT-B-GON** Ant Control Liquid
4 ounce bottle.....\$.20 each
1-pt. bot., ea. ..\$.50 1-qt. bot., ea. ..\$.90
3. **BOTANO** Garden Dust. A high strength Rotenone dust useful in controlling certain Aphids, Thrips, Worms, Beetles, Spittle Bugs on Vegetables or other plants where a non-residue spray is desired.
1-lb.\$.35 4-lb.\$.75
4. **CALTOX** Insecticide-Fungicide. For dusting or spraying. Has proved remarkably effective for control of Diabrotica Beetle, Flea Beetle and other Beetles; Corn Earworm; Rose Slug and other worms; Peach Leaf Curl and certain plant diseases.
6-oz. ctn. (makes 8 to 16 gal. spray) ..\$.35
1-lb. ctn.\$.58 3-lb. ctn.1.26
5. **DEADLINE** Insect Barrier. For control of climbing insects on certain varieties of mature trees. Apply on an undercoating of shellac. For use on mature trees only and on mature Grapevines.
6-oz. tin.\$.35 1-lb. tin.\$.65
6. **EXTRAX** Garden Spray. A complete garden spray, with Pyrethrum and Rotenone as the main active ingredients and sufficient wetting agent to give high wetting at normal dilution. Combines with GREENOL Liquid Fungicide to make the new home use "Shot Gun Formula" insecticide and fungicide combination spray. The low dilution effective strength makes "EXTRAX" an economical spray for all general garden use.
1-oz. bot., ea. ..\$.35 16-oz. bot., ea. ..\$.250
4-oz. bot., ea. ..1.00 1-gal. tin, ea. ..15.00
7. **FLOTOX** Garden SULFUR. A fine Powdered Sulfur suitable for use as a Dust or as a Liquid Spray to control Powdery Mildew, Apple Scab, Brown Rot and Red Spider. 2-lb. carton....\$.25 5-lb. carton....\$.50
8. **Garden BORDO** (Bordeaux Mixture). A Copper Fungicide widely used to control plant diseases.
1-lb. carton....\$.30 4-lb. bag....\$.60
9. **Garden CALCIUM ARSENATE**. A strong stomach poison used in making poisoned baits, and as a dust or spray to control certain Beetles and Worms.
1-lb. carton....\$.25 4-lb. bags....\$.50
10. **Garden KLEENUP** Dormant Oil Spray Emulsion. Used on dormant Deciduous Trees and Shrubs to kill San Jose Scale, Lecanium Scale, and other over-wintering insect pests.
1-quart tin (makes 6 gallons), each....\$.50
1-gal. tin, ea....\$.100 5-gal. tin....3.00
11. **Garden LEAD ARSENATE**. Used as a spray or dust to control chewing insects such as Beetles, Caterpillars and Worms.
1-lb.\$.35 4-lb. bags.\$.90
12. **Garden LIME-SULFUR** (Dry). A Fungicide-Insecticide, used to control certain fungous diseases, Scale and Red Spider.
1-lb. tin.....\$.35 5-lb. tin.....\$.150
13. **Garden VOLCK** Spray. The complete contact Spray used for control of sucking insects, including Aphids, Thrips, Mealybug, Scale, White Fly, Red Spider, Cyclamen Mite, small Worms, certain Beetles, Rose Mildew. Garden VOLCK Spray is now the best known all-around garden spray used by home gardeners.
3½-oz. bottle ..\$.35 1-gallon tin.....\$.300
1-pint bottle ..\$.85 5-gallon tin.....10.00
1-quart bottle ..1.25
14. **GREENOL** Liquid Fungicide (Formerly called **GREENLEAF** Copper Fungicide). A low dilution liquid fungicide containing copper and its own wetting agent, so as to give high wetting at normal dilution. Used to prevent and control certain garden diseases as Mildew, Rust, Leaf Curl and Leaf Spot and certain other diseases effectively treated with such copper fungicides. "GREENOL" is compatible with "EXTRAX" to make a convenient "Shot Gun Formula".
1-oz. bot., ea. ..\$.35 16-oz. bot., ea. ..\$.150
4-oz. bot., ea.\$.60 1-gal. tin, ea.7.50
15. **Mildew** Spray. This product shows remarkable fungicidal properties. Effective against many Powdery Mildews on Rose, Delphinium, Dahlia, Sweet Pea, and other plants. Also kills Scale and Red Spiders.
8-oz.\$.35 1-gal.\$.200
1-qt.\$.75 5-gal.5.00
16. **Nursery VOLCK** Summer Oil Spray. Long recognized as a superior spray for Mealybug, Red Spider, Scale, White Fly. Also recommended as carrier and spreader for Nicotine Pyrethrum, Rotenone, Bordeaux, "CALTOX", Lead Arsenate, in combination spray mixtures.
1-pint tin\$.50 1-gallon tin.....\$.200
1-quart tin\$.75 5-gallon tin.....5.00
17. **"ORTHO" ROSE SPRAY KIT**. A special combination Kit containing a 2-oz. bottle EXTRAX Garden Spray and a 2-oz. bottle GREENOL Liquid Fungicide together with an illustrated circular on Rose Pest Control. Makes 12 gallons combination spray for simplified control of many Rose Insects and Diseases including certain Aphids, Beetles, Caterpillars, Leafhoppers, Red Spiders, Rose Slugs, Rose Chafers, Scale Insects, Thrips, Black Spot on Roses, Rose Mildews and Rose Rust.
Complete Rose Spray Kit.....\$.97
18. **Rodent Destroyer**. A balanced strychnine-poisoned ration containing Wheat, Barley, Oats, and Fruits. Used to kill Gophers, Squirrels, Rats, Mice and Prairie Dogs. Longer lasting, waterproof, more effective.
6-oz. carton....\$.29 5-lb. carton....\$.150
1-lb. carton.....\$.50
19. **SCRAM** Dog Repellent. A powder used around Lawns and Shrubs to repel Dogs. Special Shaker Package.....\$.49
20. **TRIOX** Weed Killer. The improved "ORTHO" Weed Killer, used to kill weeds on paths, roads, curbs, tennis courts, parking lots, athletic fields, etc.
1-pt. tin, ea.....\$.50 1-gal. tin, ea.....\$.175
1-qt. tin, ea.\$.75 5-gal. tin, ea.6.25

ELIMINATE PESTS WITH THE RIGHT INSECTICIDES



... YOU CAN Grow
Lawns and Flowers as
Pictured in this Catalog



- The high-quality seed we offer you has all of the fine characteristics you desire bred right into the strain. With ordinary cultural care you can duplicate the success of the master gardeners right in your garden.
- But this must be borne in mind:
- Plants require eleven different food elements from the soil for finest growth. The safe, sure way to make certain that your plants will be properly fed is to feed them with VIGORO. Vigoro is the complete plant food made by Swift & Company. It is of proper balance, clean, sanitary, odorless, and economical.

VIGORO
Complete plant food

A Product of Swift

VIGORO PRICES

100 lbs.	\$3.50
50 lbs.	2.30
25 lbs.	1.40
10 lbs.	.70
5 lbs.	.45
1 lb.	.10

FERTILIZERS

All sold at current market prices. Ask for quotations.

AMMONIUM SULPHATE is a valuable fertilizer for all plants in which a large leaf development or rapid growth is desired. It will stimulate growth almost immediately. It is also used for top-dressing lawn, producing a thick velvet growth and discouraging the weeds. It is a highly concentrated nitrogenous product, containing 25 1/4 per cent ammonia, 20 3/4 per cent nitrogen. One pound to 200 square feet is sufficient application for lawns.

BONE MEAL. Extra fine; is a fertilizer recommended for lawns, rose bushes, grape vines, especially where a moderately slow fertilizer is needed for the deep-rooted shrubbery and where a perfectly safe fertilizer is required. It contains phosphoric acid and some nitrogen.

GRANULATED PEAT MOSS. For greenhouse, garden and home. Our peat moss is of the finest quality you can buy anywhere at any price. Its use contributes to the humus content of the soil, lightening heavy clay and binding sandy soils. It insulates soil against freezing and thawing in winter and conserves moisture in summer. Clean, odorless and economical to use.

SHEEP GUANO. An efficient fertilizer to use on lawns, in the garden, the perennial border, shrubbery beds, small fruit garden, flower beds, etc. It is safe and dependable. A natural plant food and not a chemical stimulant. Every amateur gardener can get results with sheep guano.

NITRATE OF SODA. A fertilizer for all crops; quick in action and hastens the maturity of crops fully two weeks. It

should not be applied until the plants are above the ground. Do not allow solution to touch foliage. Dissolve 1 oz. to 2 gals. or 1 lb. to 50 gallons.

SUPERPHOSPHATE (Acid or Rock Phosphate) is a water soluble combination of phosphoric acid and lime which is formed by the action of sulphuric acid on raw phosphate rock, one of the elements required in a balanced fertilizer. It aids in plant nutrition and assists the plant to assimilate other ingredients. Superphosphate is an efficient fertilizer element for lettuce, truck crops, cereal crops, and alfalfa.

TANKAGE. Containing by-products from slaughter houses and contains blood, meat, bone that has been cooked, dried and ground. The analysis varies much, running from 5 to 9 ammonia and 5 to 15 phosphoric acid. It contains no potash and for best results potash should be mixed with tankage. A quick acting organic.

HYDRATED LIME. The constant watering of lawns tends to sour the soil and eventually the lawn becomes foul with sorrel, Creeping Charlie, and other weeds which thrive in an acid soil. This condition may be improved by applying hydrated lime.

MURIATE OF POTASH. This fertilizer is especially valuable for fruit trees and berries.

SULPHATE OF POTASH. A desirable form of potash, especially valuable for potatoes and any root crops, such as beets, turnips, etc., also cabbage, etc.

FIELD SEEDS

ALFALFA

Sow 12 to 15 lbs. per acre.

GRIMM ALFALFA. State Sealed and Certified Seed. Grimm Alfalfa is a very hardy and consistent producer, and is recommended for all sections where alfalfa is considered to have a place. Highest grade seed.

LADAK ALFALFA. A variety ideally adapted to dry soils which cannot successfully grow the more common varieties. Will produce one heavy crop, and in case the moisture is not sufficient to continue its growth, will survive through the season, to come again after winter rains have revived it. Strongly resistant to freezing. Also gives good results under irrigation in the Northwest.

COMMON or CHILEAN ALFALFA. Universally grown popular long-rooted variety. Best adapted to deep soils.

BARLEY

Sow 120 to 150 lbs. per acre.

SUCCESS BEARLESS BARLEY. Spring. Straw about height of common barley. Stands up better than other varieties. Contains no beard.

WHITE HULLESS OR BALD BARLEY (Beardless). An early spring variety. When threshed is hulless like wheat.

HANNCHEN BARLEY. Heavy yielding, spring variety, medium early, white, two row, bearded type.

TREBI BARLEY. Spring. This is a six-rowed, bearded, hulled barley adapted to irrigated conditions. Though it is rough awned the awns thresh free from the grain, thus eliminating danger in feeding.

BUCKWHEAT

Sow 50 to 60 lbs. per acre.

JAPANESE. This is the largest growing buckwheat. The plant makes a more vigorous and larger growth than the common kind and yields more. Adapted throughout the Northwest.

SILVER HULL. The kernels are gray and are much smaller than the Japanese variety. They are very plump and heavy and make excellent flour. Also adapted throughout the Northwest.

INOCULATE ALL LEGUME SEEDS WITH

NITRAGIN

1878—FORTY THREE YEARS OF SERVICE—1941

When ordering, Always state name of seed.

ALFALFA, all Clovers

Size	Retail
1/2 bu. each...	\$.30
1 bu. each...	.50
2 1/2 bu. each...	1.00

PEAS (All Varieties)

VETCHES (All Varieties)

1/2 bu. each...	\$.25
1 bu. each...	.35
1 1/2 bu. each...	.55
5 bu. each...	1.50
12 1/2 bu. each...	3.60

BEANS

String, Wax, Kidney

1/2 bu. each...	\$.25
1 bu. each...	.35
5 bu. each...	1.50

*The 30 bu. size as listed above is a carton which contains six 5 bu. size cans.

LESPEDAZA

Size	Retail
Small (Inoculates up to 50 lb. seed)	\$.45
Large (Inoculates up to 100 lb. seed) ....	.65

SOYBEANS, LIMA BEANS, COW PEAS, PEANUTS

Small, (Inoculates up to 120 lb. seed)	\$.30
*5 bu. each ....	.58
25 bu. each	2.60
(One can)	
*30 bu. each	3.45
(6-5 bu. cans)	

GARDEN SIZE Garden Peas & Beans Sweet Peas & Lupines

Enough for 6 lbs. seed
Retail Price 10c each

Write for Our Competitive Prices

CLOVER

MAMMOTH RED CLOVER. Also called "Pea Vine" Clover. This variety grows larger and coarser than the medium and is often used for plowing under to enrich the soil. American grown seed, 6 to 10 lbs. per acre.

HUBAM ANNUAL SWEET CLOVER. Hubam Clover has come rapidly to the front as an emergency pasture and hay crop. Hubam is an annual legume. It is best suited for the corn belt section, grows from 3 to 7 feet high.

LADINO WHITE CLOVER. Is a very large form of clover, usually making a growth of 8 to 12 inches. A perennial. The stems lie flat on the ground and commonly root at the joints. Can be grown on rather shallow land where well supplied with humus and moisture. Medium heavy types of soil. Sow 4 to 6 lbs. per acre.

WHITE DUTCH CLOVER (*Trifolium repens*). A very hardy creeping clover, which adapts itself to a great variety of soils and climates. Superior for pasture either for sheep or cattle. As a bee pasture it is unexcelled. Sow 6 to 8 lbs. per acre.

YELLOW SWEET CLOVER, BIENNIAL (*Melilotus officinalis*). In great demand on account of its earliness, being about two weeks earlier than the white. Produces high quality hay. Sow 12 to 15 lbs. per acre.

WHITE SWEET CLOVER, BIENNIAL (*Melilotus Albus*). Excellent for pasture, hay and a soil improver. More drought-resistant than alfalfa and will generally produce a large crop of seed and hay the second year. Thrives on light alkali soil. Sow 12 to 15 lbs. per acre.

RED CLOVER (*Trifolium pratense*). Is excellent for pasture and hay purposes. Will thrive in slightly wetter and more acid land than alfalfa. Is used in the higher altitudes and colder sections. Sow 6 to 10 lbs. per acre.

ALSIKE (*Trifolium hybridum*). Very hardy, adapted for sowing on cold, wet land. It yields a large amount of hay or pasture and is a good bee plant. Sow 8 to 10 lbs. per acre.

STRAWBERRY CLOVER. Undoubtedly one of the most satisfactory of recently developed legumes. Resembles White Dutch Clover but spreads faster and lives longer. Has vigorous surface creepers and develops a very dense sod. Primarily valuable for pasturing either cattle or sheep. Does very well in many soils and exceptionally satisfactory for coastal lands. However, it is of little value in extreme dry condition. Free from insect and disease attacks. When seeding, 3 pounds per acre is ample. If in a mixture, 1 1/2 pounds is recommended.

FIELD CORN

See Vegetable Seed, page 6.

FLAX

FLAX may be grown with good success in the West. It matures quickly and may be planted as late as the middle of June and mature seed. Yields 10 to 20 bushels per acre. May be used with success as a nurse crop for clovers and grasses where there is plentiful summer moisture. Sow 42 lbs. per acre.

GRASSES

BROMUS INERMIS (Awnless Brome Grass). The best grass we have for the drier regions of the Northwest. Grows luxuriantly, is freely eaten dry or green by cattle. Sow 25 to 30 lbs. per acre. Spring or fall.

MEADOW FESCUE (*Festuca pratensis*). This is a very valuable species for permanent grass lands and is relished by livestock both as hay and pasture. Sow 15 to 20 lbs. per acre on well prepared soil.

MESQUITE (*Holcus lanatus*). Used on burned over, virgin soils. No cultivation is necessary. Sow 15 lbs. per acre.

OAT GRASS, TALL MEADOW. The earliest grass to start in the spring and holds well into the fall. Withstands rather dry, warm and cold conditions much better than many other grasses. A long-lived, deep rooted perennial. Grows equally on bottom or upland. Sow 20 to 30 lbs. per acre.

OREGON RYE GRASS. Similar to Italian. The finest rye grass grown; superior to imported. Sow 25 lbs. per acre.

TIMOTHY (*Phleum pratense*). This is a very valuable grass for hay. Thrives best on moist, loamy soil. Sow early in the spring or fall. Sow 8 to 10 lbs. per acre.

PASTURE MIXTURE FOR BURNED-OVER LAND. A blend of grasses for sowing on burns and logged-off lands. Splendid value and very economical for such purposes. Sow 10 lbs. per acre.

SUDAN GRASS. An excellent annual drouth resisting forage plant. All stock relish it. Seed in spring after soil is warm. Sow 20 to 30 lbs. per acre.

RED TOP (*Agrostis alba*). A valuable grass for most soils. It is a good, permanent grass. It should be grazed close. Grows successfully on "alkali" bottom lands, where other grasses failed. Sow 10 to 15 lbs. per acre.

KENTUCKY BLUE GRASS. This is an excellent grass for pasture for all kinds of stock. It is very hardy. The roots form a tough sod. Blue Grass requires two years to get well started and for that reason is often sown in mixture with other grasses. Sow 20 to 25 lbs. per acre.

CRESTED WHEAT GRASS. This is the valuable plant for our Western country and thrives well in semi-arid sections. It is one of the best and surest hay grasses for these sections. It withstands drought and the cold winters. As a mixture it does fine with Brome grass. Sow 10 to 15 lbs. per acre.

SUPERIOR REED CANARY GRASS. A hardy perennial grass which succeeds in spite of long summer dry periods. It differs from the lowland type or regular Reed Canary Grass in that the growth is more upright, leaves more numerous and of a lighter green color. Its stems are upright and comparatively stiff but not harsh. Primarily a pasture grass with a long life, long grazing season and produces a large quantity of very succulent, palatable forage. Sow 5 to 12 pounds per acre broadcast.

ENGLISH RYE GRASS (*Lolium perenne*). A strong growing, hardy perennial grass, noted for its nutritive qualities. It is equally valuable for both grazing and hay. Sow 25 to 30 lbs. per acre.

ITALIAN RYE GRASS (*Lolium multiflorum*). A quick growing grass, attaining a height of 2 1/2 to 4 ft., desirable for temporary meadows or pastures. Thrives best on soils that are slightly moist, and will even stand considerable over-flow. Sow 25 lbs. per acre.

ORCHARD GRASS OR COCKSFoot (*Dactylis glomerata*). Valuable if planted alone or mixed with other grasses. Very often mixed with White Clover, Red Clover and Rye Grass. Sow 20 to 28 lbs. per acre.

MILLETS

JAPANESE BARNYARD MILLET. This millet is exceedingly palatable and is the best of summer green feeds for the cool coast sections. Sow 20 to 30 lbs. per acre.

GERMAN OR GOLDEN (*Chactochloa italicata*). Will grow on any good land and yields heavily when irrigated. Yields from 30 to 40 bushels of seed per acre, and is excellent food for stock and poultry. Also a good green fodder and hay plant.

HOG OR PUOSO. The seed is large. Feeding value almost equal to corn. It is a valuable feed for hogs and cattle as well as for birds and poultry.

OATS

Sow 60 to 80 lbs. per acre.

VICTORY is similar to Swedish Select in season. Grain of medium size, short, plump, white, thin hull, nearly beardless. A heavy yielder. The straw is very stiff and firm.

SWEDISH SELECT. Kernel is white, large and plump, hull thin, and straw is stiff and strong. Does not lodge. A remarkable root development makes the Swedish Select oat a good drought-resister, and especially suited to high land. It is the earliest of the heavy yielding sorts.

GRAY WINTER OATS. Usually hardy. Seeded in winter, fall or early winter. May be sown in the spring for hay in coast sections.

FIELD PEAS

AUSTRIAN WINTER PEAS. Here is the ideal forage legume for hay, ensilage or for pasture. The vines and pods are almost as large and heavy as garden peas. The vines are relished by all kinds of stock. Plant in the fall for best results. Will not winter-kill. Does well under irrigation and in relatively humid sections. Sow 30 to 35 lbs. per acre.

CANADIAN. This legume has the distinct advantage of being suited to late planting. Canadian Field Peas produce excellent forage. May be used for summer green manure crop. Requires considerable moisture. Sow 120 to 150 lbs. per acre.

RAPE

DWARF ESSEX. This crop is very highly recommended for pasture for sheep, cattle, and hogs. It also makes splendid green feed for poultry. Plant in early spring. Requires fertile, moist soil. Sow 10 lbs. per acre.

RYE

Sow 85 to 115 lbs. per acre.

SPRING RYE makes a successful growth in rather poor soils where other grains would fail. It is useful as a cleaning crop for the purpose of eradicating wild oats. Makes early pasture and may be cut and cured for hay.

WINTER OR FALL RYE serves a very useful purpose for pasture and hay. May be sown in the spring and summer as well as in the fall. When Winter Rye is sown after frost it goes into the following season before maturing.

ROSEN OR PETKUSER RYE. A winter rye of recent introduction and is becoming very popular among growers of winter rye. It is said to yield more grain, stools more, and is harder than the older types of winter rye.

VETCH

Sow 40 to 60 lbs. per acre.

COMMON VETCH. Resembles peas and valuable for forage and green manure. As a hay crop it is generally sown with oats or wheat to afford support for the vines. Usually sown in the fall. Best adapted to sections west of Cascade mountains.

HAIRY VETCH (*Vicia Villosa*). Thrives on sandy soils that may be somewhat low in fertility, and makes a better growth during the cold season than the other varieties. Has very wide adaptability.

HUNGARIAN. Finer stemmed and leafier than most forage vetches. Suitable to various types of soils. Resistant to aphid attacks.

WHEAT

Sow 75 to 90 lbs. per acre.

MARQUIS SPRING WHEAT is the standard, hard, red, spring wheat for irrigated sections of the West. It is early maturing and high yielding. Is beardless, short, stiff strawed.

TURKEY RED WINTER WHEAT. A standard red bearded wheat with a strong straw. It is early ripening. Kernels are large, red and hard. It is in good demand by millers.

THOMPSON CLUB or WHITE RUSSIAN WHEAT. The most widely used spring wheat planted in the irrigated districts of Eastern Washington and Oregon. It is a beardless, soft white variety which outyields all other common varieties.

SOYBEANS

SOYBEANS are annual legumes widely adapted to various soils. Soybeans hay is one of the best roughages and when mixed with corn they make splendid ensilage. When harvested for seed, they should not be cut until pods are fully matured and the beans hard. Sow 25 lbs. per acre.

SUNFLOWER

MAMMOTH RUSSIAN. Heavy producer of forage and seed. Of value for silage and seed production. Plant 10 pounds per acre.

SAND DROP-SEED GRASS

This grass is a native of the arid region of the Snake and Salmon Rivers in North Central Idaho. It has been under observation in that section for about 32 years, and in that time has spread naturally over large areas. It has the hardihood to thrive under severe conditions of drouth and heat. Everyone familiar with its habits is very enthusiastic about it for pasture use in extremely dry locations. It will pay to give it a tryout.

Sow 1 to 2 pounds per acre.

Price \$1.50 per pound.

Write for quantity prices.

A CONDENSED LIST OF PLANTS — Postage Extra

	Each	12	50	100	1000
CABBAGE Early and Late Varieties, transplanted . . . . .		.20	.60	.90	7.00
CABBAGE, Early and Late Varieties, Field grown . . . . .		.15	.40	.60	3.50
CAULIFLOWER, Early, Transplanted . . . . .		.20	.70	1.00	8.00
CAULIFLOWER, Early, Field Grown . . . . .		.15	.40	.75	5.00
CELERY, White and Golden Self Blanching, Transplanted . . . . .		.20	.65	.90	7.00
TOMATOES, All Varieties, Transplanted . . . . .		.25	.80	1.25	8.00
EGG PLANT, Transplanted . . . . .		.25	.80	1.25	8.00
PEPPERS, All Varieties, Transplanted . . . . .		.25	.80	1.25	8.00
LETTUCE, New York, Transplanted . . . . .		.20	.50	.75	6.00
SWEET POTATOES . . . . .		.25	.65	1.00	7.00
ASPARAGUS ROOTS, 2 years . . . . .		.40	.85	1.50	10.00
RHUBARB ROOTS, 2 years . . . . .	.20	1.50	...	...	...
HORSERADISH . . . . .		.30	1.00	1.50	10.00
MINT . . . . .	.10	.75	...	...	...
SAGE, 1 year plants . . . . .	.15	1.25	...	...	...
STRAWBERRIES, Everbearing Mastodon . . . . .		.40	1.25	2.00	12.00
STRAWBERRIES, Everbearing Gem . . . . .		.40	1.00	1.75	10.00
STRAWBERRIES, Standard, Dorsett, Marshall, Fairfax . . . . .			.75	1.25	7.00
	Each	10	50	100	1000
RASPBERRIES, Red, Latham, Cuthbert, Newburgh . . . . .	.10	.75	2.25	4.00	...
RASPBERRIES, Everbearing, Indian Summer . . . . .	.20	1.50	4.00	8.00	...
RASPBERRIES, Black, Gregg or Cumberland . . . . .	.20	1.50	4.00	8.00	...
LOGANBERRY . . . . .	.20	1.50	5.50	10.00	...
BLACKBERRY, Mersereau, Snyder . . . . .	.20	1.50	5.50	10.00	...
DEWBERRY, Lucretia . . . . .	.20	1.50	5.50	10.00	...
YOUNGBERRY . . . . .	.20	1.50	...	...	...
BOYSENBERRIES . . . . .	.20	1.50	5.50	10.00	...
GRAPES, Concord, Moore's Early, Worden, Agawam, Niagara . . . . .		.25	2.00	...	...

NOTICE—All Prices F. O. B. Lewiston, or Spokane. Add Postage at Zone Rate, or We Will Ship by Express.

IDAHO SEED POTATOES

Our **SEED POTATOES** are the very finest stock.

Only high yielding hills and selected tubers are used in production of this Supreme Quality seed stock.

IRISH COBBLER—Splendid creamy white potato for early market. Large, round, sometimes slightly netted. Will bake dry and mealy, even before ripe. Extra early.

10 lb. postpaid 3rd zone, \$1.00.

Write for quantity prices.

THE NEW KATAHDIN—To enable as many as possible of our customers to try this new Potato, we offer it in small quantities only, subject to being unsold.

Price postpaid 3rd zone, 10 lb. \$1.00.

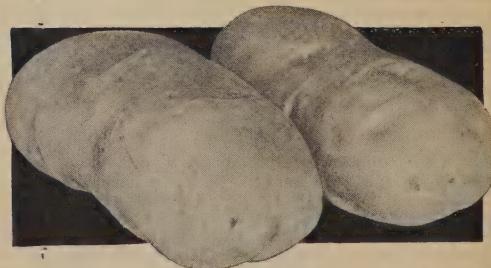
BLISS TRIUMPH—Recognized as one of the very earliest varieties. Is also a good keeper. Very productive. Tubers round, pink skin, flesh very white and of excellent flavor.

10 lb. \$1.00, postpaid 3rd zone.

EARLY OHIO—One of the best early pink potatoes. Tubers round, oblong shape. Eyes rather shallow but strong. An old favorite that is still popular in many sections.

Price prepaid 3rd zone, 10 lb. \$1.00.

Write for quantity prices.



NETTED GEM—Russett Burbank, Yakima Gem, Idaho Russett, etc. A splendid main crop late potato that gives good results in dry sections. Flesh white; eyes are flush with surface; good keeper and produces a fine yield. Tubers are elongated, medium sized with russet skin. This is the variety grown extensively by irrigation in Washington and Idaho for baking. Our stock is extra choice of the most improved type.

Price prepaid 3rd zone, 10 lbs. 90c.

Write for quantity prices.



CYAN-O-GAS

Used to control ground squirrels. Sure to get them. Also used effectively on ants, rats and insects. Comes in granular form or dust to use in dust gun.

Prices F. O. B. Lewiston or Spokane. Cannot be mailed.

SIZE CONTAINERS

1/4-pound size	\$.30
1/2-pound size	.45
1-pound size	.80
5-pound size	2.60
25-pound size	6.40

SEMESAN BEL

For Seed Potatoes. Potato diseases cause a loss equivalent to the yield of one acre in every five or six acres planted. One pound treats 16 to 32 bushels of seed.

4 oz.	\$.50
1 lb.	1.50
5 lbs.	6.50
25 lbs.	30.00

SEMESAN

For vegetable and flower seeds. Kill the harmful disease organisms on the seed with Semesan before planting. 1/3 oz. 10c; 2 oz. 35c; 1 lb. \$2.25; 5 lb. \$10.00; 25 lb. \$45.50.



NEW IMPROVED CERESAN

Generally controls stinking smut or bunt of wheat, barley covered smut and stripe, and loose and covered smuts of oats. One treatment for all three grains. Only one-half ounce of New Improved Ceresan is needed to treat a bushel of seed. New Improved Ceresan is quickly and easily applied as a dust by means of a rotary seedtreater or by the shovel method. After treating, the seed should be stored in a pile or sacks for 24 hours before planting. Price:

1 lb. 75c; postpaid 85c; 5 lb. \$3.25; postpaid \$3.50

COPPER CARBONATE for Treating Wheat

Eighteen per cent copper carbonate is used in dry areas where less danger of smutting is encountered.

5 lb. 75c; 30-lb. case \$4.50.

50 PER CENT COPPER CARBONATE

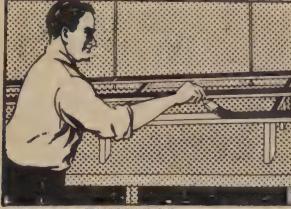
Used generally by farmers of this section. Universally accepted as best wheat treatment for smut. Sherwin-Williams Brand.

5 lb. \$1.15; 10 lb. \$2.25; 40-lb. case, \$8.80.
Price F. O. B. Lewiston or Spokane.

GRAFTEX—Scientific Grafting Compound

Protects plants and goes 50% further than old style grafting wax. Price 1/2-lb. can 50c. Add postage.

PAINT THE ROOSTS



WITH BLACK LEAF 40

readily with other sprays. 40 per cent nicotine.
1 oz. makes 6 gallons of spray..... \$.35
5 oz. \$1.00; 1 lb. \$2.25; 2 lb. \$3.25.

EVER GREEN

EVER GREEN GARDEN SPRAY is highly concentrated, therefore economical to use. The one-ounce package makes up to six gallons of powerful spray.

1-oz. package	\$.35
6-oz. can	1.00
16-oz. can	2.00
1-gallon	12.00

ARNOLD GARDEN HOSE SPRAYER



Complete Sprayer consists of non-leak shut-off, transparent cartridge chamber with metal threaded ends, and 12-inch angle spraying nozzle. All metal parts chromium plated. Price \$3.75.

Same, but all brass. Price \$2.50.

ARNOLD SOLID SOLUBLE INSECTICIDE CARTRIDGES

Tri-O-Spray Cartridges	30c each	12 for	\$3.50
Jap-O-Spray Cartridges	30c each	12 for	3.50
Pyr-O-Spray Cartridges	30c each	12 for	3.50
Rot-O-Spray Cartridges	30c each	12 for	3.50
Nic-O-Spray Cartridges	30c each	12 for	3.50
Arsen-O-Spray Cartridges	25c each	12 for	3.00
Fung-O-Spray Cartridges	25c each	12 for	3.00
Sulph-O-Spray Cartridges	25c each	12 for	3.00
Dorm-O-Spray Cartridges	25c each	12 for	3.00

BLACK LEAF 40

— Destroys aphids, thrips, leaf hoppers on all trees, bush and vine plants, vegetables, field crops, flowers, shrubs; also apple red bug, pear psylla and similar soft-shelled sucking insects — without injury to foliage. It is also a control for poultry lice by painting the roosts with it. Combines readily with other sprays. 40 per cent nicotine. 1 oz. makes 6 gallons of spray..... \$.35
5 oz. \$1.00; 1 lb. \$2.25; 2 lb. \$3.25.

HUDSON SPRAYERS

HUDSON PERFECTION



4 Gallon Open Top

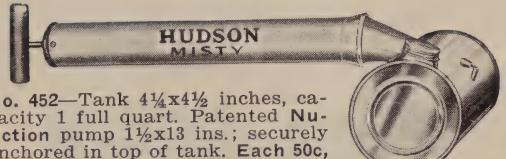
Big 6 inch opening insures easy filling, emptying or cleaning. Galvanized steel or copper tank, all seams riveted and heavily soldered. Tested at 100 pounds pressure.

Pump seamless brass tubing, seals into tank by means of 4 steel locking fingers controlled by malleable "D" handle. Impossible to remove pump before pressure is exhausted yet quickly and easily locked or released.

No. 210-G Galvanized Tank. Cap. full 4 gallons; 2 foot brass extension rod; all brass angles fog spray nozzle; weight each 13½ lbs. Each \$7.90.

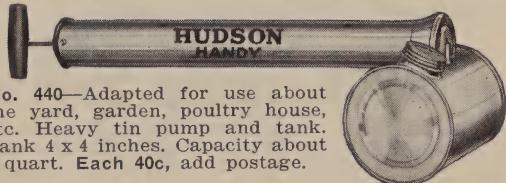
No. 210-B Copper Tank. Each \$12.60, add postage.

NU-ACTION PUMP



No. 452—Tank 4½x4½ inches, capacity 1 full quart. Patented Nu-Action pump 1½x13 ins.; securely anchored in top of tank. Each 50c, add postage.

Same as above—Pint size. Each 35c.



No. 440—Adapted for use about the yard, garden, poultry house, etc. Heavy tin pump and tank. Tank 4 x 4 inches. Capacity about 1 quart. Each 40c, add postage.

HUDSON DEFENDER (Power Operated)

No. 1044-S—The Hudson Defender provides an ideal power-operated portable unit for greenhouses, nurseries, golf courses, cemeteries, private estates, small orchards, truck gardens, etc., with insecticides, fungicides and similar spray materials for protecting trees, shrubbery, flowers, lawns, crops, etc. Adapted for commercial and industrial uses as well.

Engine: ½ H.P. single cylinder, 4 cycle air-cooled type, 1700 to 1900 R.P.M. Pump: single cylinder 1½ inch bore, 1¼ inch stroke. Regulator relief valve adjustable for any pressure. Pump operating speed ranges from 250 to 300 R.P.M. Streamlined hood over working parts is easily removed. Tank: 18 gallon capacity, corrugated galvanized steel; securely reinforced top and bottom. Discharge equipment: 10 feet of ½ inch high pressure specially moulded spray hose, 2 foot brass extension, perfection automatic shut-off which can be locked open for continuous discharge, and all brass nozzle adjustable for any position, and for any spray from fog to solid stream. Shipping weight about 153 pounds. \$163.50 f.o.b. Spokane.

HUDSON LEADER

Nu-Eez Funnel Top

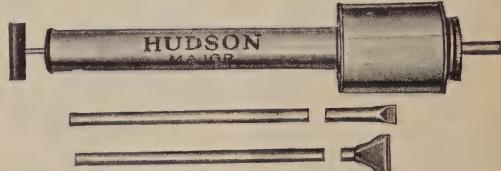
A full 3½ gallon capacity sprayer with malleable screw cap and funnel top. Large capacity and high pressure adapt it for all work. Top and bottom double beaded for extra strength and safety. Tested at 100 pounds pressure.

Pump seamless brass tubing, seals into tank by malleable screw cap. Locks or releases by turning malleable "D" handle. Cannot be removed before pressure is exhausted.

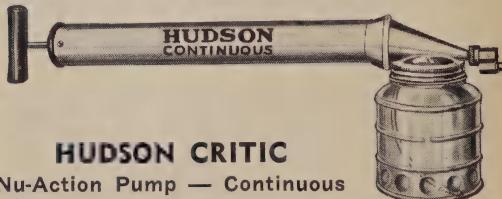
No. 192-G—24 inch high pressure spray hose. Perfection automatic shut-off valve which locks open for continuous spraying; 2 foot brass extension rod, all brass nozzle; weight each 9 lbs. Each \$5.15, add postage.



HUDSON MAJOR



No. 665—For use with Paris Green, Arsenate of Lead, Calcium Arsenate and similar poisons. Made of heavy tin. Pump 1¾ inch diameter, 13 inch stroke, fitted with air valve to prevent powder entering pump. Large filler cap. Equipped with two 12-inch extension tubes, one straight narrow tip and one wide angle tip. Each \$1.00.



HUDSON CRITIC

Nu-Action Pump — Continuous

No. 427-G—Adapted for solutions which corrode metals. Glass tank is especially designed for strength and visibility. Wide mouth jar permits easy filling, emptying or cleaning. May be capped and set away with liquid. Brass siphon tube and adjustable double nozzle; prevents corrosion; brass cone tip and jar cap. Each \$1.25, add postage.

No. 432—Same as above but all tin. Each 90c, add postage.





CYCLONE SEED SOWER

Machine is designed with extra heavy gears and brass bushed bearings for hard service and long wear.

Cyclone Sower
\$2.50
Postpaid \$2.75

WIL-BO SEEDER

Wil-Bo Seeder is easy to use and is an accurate seeder, adjustable. Seeder will pay for itself first time used in seed saved.

POSTPAID \$1.10

TROWELS



T 10—6 inch forged blade, hardwood handle. Each 60c.



T 20—6 inch rolled steel. Each 25c.

T 15—6 inch, one piece, blade and socket. 8½ inch handle. Each 35c.

AEROIL WEED BURNER

Has no equal for burning weeds, tree stumps, destroying insect pests, and 100 other uses. Railroads are using these very extensively to keep their right of way free from weeds.

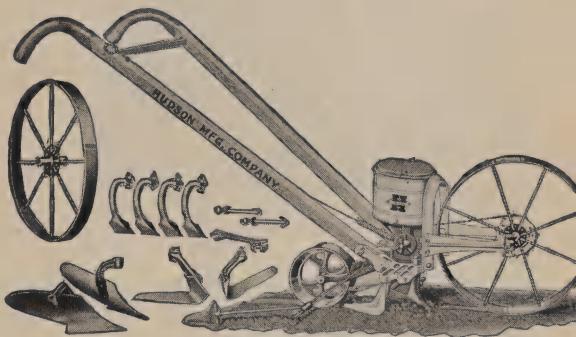
Complete Equipment Includes: 4 gal. fuel and air tank, tested at 100 lbs. and made of copper-bearing, corrugated, galvanized steel, with seams and fittings WELDED; 2 in. BRASS AIR PUMP; BRASS check valve; PRESSURE GAUGE; 7 ft. high test oil-resisting RUBBER HOSE; seamless steel COIL BURNER, WINDSHIELD with BRONZE REGULATING VALVE. Fuels used: Kerosene, stove oil, range oil or light furnace oil.

No. 99D—23 pounds. Each \$15.00; add postage.

HUDSON GARDEN TOOLS

HUDSON HILL AND DRILL SEEDER

Single or Double Wheel Cultivator.
Six Tools in One.



The 201 Seeder and Cultivator is a combination outfit comprising six tools in one. May be used as a hill seeder; drill seeder; a double wheel cultivator, plow or hoe; or a single wheel cultivator. It has all the equipment to serve the gardener from initial seeding until final cultivation. Price \$22.50 complete. Seeder only \$18.50

F. O. B. Spokane or Lewiston.



Tool equipment of 446 Plow consists of cloverleaf sweep, double pointed shovel and combination 5-tooth cultivator and scuffle hoe.

Priced \$4.50 each F. O. B. Lewiston or Spokane.



The G6—6-tooth Cultivator Attachment is designed to cultivate thoroughly all spaces between 12-inch rows. Made of carbon steel, forged to shape and pitch. Price 90c each.

YOU CAN DEPEND ON AN EXPERIENCED SEEDSMAN FOR PERSONAL ADVICE
ON YOUR GARDENING PROBLEMS

Spratt's Dog Foods and Medicines



SPRATT'S—"Meat-Fibrine" Dog Biscuit Foods are the best dog foods you can feed. Write for Spratt's new 48-page illustrated DOG BOOK (FREE).

SPIX DOG BISCUITS—Bone-size biscuits. Ideal daily diet for all breeds. Per lb. 15c.

OVALS—Small "pocket" biscuits. Per lb. 15c.

CHARCOAL OVALS—Keep intestines clean. Per pound 15c.

FIBO—Highly nourishing granulated food with egg in addition to meat. 2 lbs. 35c.

CHALLENGE TERRIER DOG FOOD—Economical granulated food. 2 lbs. 25c.

DOG CAKES—Large cakes for big dogs. Per lb. 15c.

PUPPILAC—10 oz. tins, 50c.

PEPSINATED PUPPY MEAL—12 oz. tins, 35c.

BONE MEAL FOR PUPPIES—45 oz. tins, 50c.

SPRATT'S DOG MEDICINES

Dog Worm Capsules (large size)	\$.90
Dog Worm Capsules (small size) . . . . .	.10
Puppy Worm Capsules (large size) . . . . .	.60
Puppy Worm Capsules (small size) . . . . .	.10
Chexmate (for female dogs in season)	1.00
Cough Tablets . . . . .	.60
Eczema Ointment . . . . .	.60
Mange Liquid . . . . .	.75
Nerve Sedative Tablets . . . . .	.60
Special Tablets—Dog (distemper)	1.00
Special Tablets—Puppy (distemper)	1.00
Sulfur Tablets (blood-cooling) . . . . .	.60
Tapeworm Tablets . . . . .	.60
Flea Powder (3 oz. tins) . . . . .	.30
Flea Powder (1 oz. tins) . . . . .	.10
Black Flea Soap . . . . .	.30
White Dog Soap . . . . .	.25
Dry Cleaning Powder . . . . .	.30

SPRATT'S CAT FOODS, ETC.

CAT FOOD —(Granulated biscuit food with meat, fish and milk) per lb. . . . .	.15
Catnip Leaves (package) . . . . .	.10
Catnip Mouse . . . . .	.10
Cat Worm Capsules (large size) . . . . .	.60
Cat Worm Capsules (small size) . . . . .	.10
Kitten Worm Capsules (large size) . . . . .	.60
Kitten Worm Capsules (small size) . . . . .	.10

We also carry a full assortment of Dog Collars, Leads, Harness, Combs, Brushes and other dog accessories. Write for prices.

Spratt's Bird Foods and Supplies



SPRATT'S famous line of Bird Foods, Medicines, etc., is of the very highest quality.

Boiler Canary Mixture, 15 oz. . . . .	.25
Parrot Mixture, 16 OZS. . . . .	.25
Lovebird and Parrakeet Mixture, 15 oz. . . . .	.20
Song Restorer, 4 oz. . . . .	.25
Song Restorer, 1½ oz. . . . .	.10
Sing Song (bird biscuit) . . . . .	.10
Canary Treat with Bell . . . . .	.10
C.L.O. Nestling Food, 9 oz. . . . .	.25
C.L.O. Nestling Food, 4 oz. . . . .	.15
C.L.O. Nestling Food, 5 lb. bag	1.50
Moultting Food, 9 oz. . . . .	.25
Moultting Food, 2 oz. . . . .	.10
Bird Gravel, 32 oz. . . . .	.10
Cuttlebone (with holder) . . . . .	.10
Flake Charcoal, 1 oz. . . . .	.10
Fed-O-Red (color food) 1 oz. . . . .	.10
Quinella . . . . .	.25

SPRATT'S BIRD MEDICINES

Bird Tonic, 3 oz. . . . .	.25
Bird Tonic, 1 oz. . . . .	.10
Parrot Tonic, 3 oz. . . . .	.25
Bird Lice, Powder . . . . .	.25

SPRATT'S FISH FOODS



Bird Wash . . . . .	.25
Aquarium Fish Food, ¾ oz. . . . .	.10
Aquarium Fish Food, 4 oz. . . . .	.25
Wafer Fish Food . . . . .	.10
Tropical Fish Food (fine or coarse) . . . . .	.10
Ants Eggs . . . . .	.10
Zeke Turtle Food . . . . .	.10
Recto (Fungus Remedy) . . . . .	.30
Aquarium Water Purifiers . . . . .	.12

ADD POSTAGE ON ALL ABOVE

LEE WAY POULTRY REMEDIES

The George H. Lee Company Line of Poultry Remedies is, in our opinion, the best and most satisfactory. That Company has a Research Department that is constantly working to keep up the high standard of its products. We carry a complete stock and can fill mail orders promptly. Ask us for a 1941 Lee Way Poultry Book.

GERMOZONE

Many crop, digestive, and bowel disorders can be avoided by the regular use of Germozone in the drinking water three times a week. Germozone disinfects the drink, of course, and works in the crop too. Powerful, but perfectly safe—won't smart or hurt healthy tissue even when used full strength on sores and wounds. Give your poultry the benefit of Germozone.



ACIDOX

The value of Acidox as a help in treating Coccidiosis reaches a high level with the Controlled Acidity of ACIDOX. You no longer need to use violent flushes or throw your birds off feed with strong acids. Just use ACIDOX in the drinking water.

4-oz. bottle	\$.50;	postage	.05
12-oz. bottle	1.00;	postage	.10
32-oz. bottle	2.00;	postage	.16
1/2-gal. jug	3.50;	postage	.24
1-gal. jug	6.50;	postage	.38

LEE'S LICE KILLER

Spray in houses for mites; brush on roosts and dropping boards for lice.

1 qt.	.....	\$ .60;	postage	.12
1 gal.	.....	1.50;	postage	.12

LEE'S PERCH PAINT

A nicotine delouser for use on perches.

1/2 pint	.....	\$ .85;	postage	.10
1 pint	.....	1.50;	postage	.12
1 quart	.....	2.50;	postage	.12

LEE'S LOUSE POWDER

The economical product for small flocks and setting hens.

1 lb.	.....	\$ .25;	postage	.10
2 1/2 lbs.	.....	.50;	postage	.12

THE GIZZARD CAPSULE

Most wormy birds have two or three kinds of intestinal worms. If they have Large Tape Worms and Pin Worms, they should not be wormed only for Large Round Worms. Use the Gizzard Capsule for this reason, and because individual dosing is more efficient and surer than powders used in the mash. Its insoluble coating won't dissolve in crop or stomach. Never sticky or hard to give. Slips down the throat easily. The Gizzard Capsule is crushed in the gizzard like a grain of corn and the medicines pass directly to the worms.

Nothing else can give you the same advantages as The Gizzard Capsule. That is why over 160 million birds have been wormed with it. Use it for your chickens and turkeys. Just one more egg per bird will more than pay for the treatment.

	Adult	Pullet	Chick
50-cap. package	\$.75	\$.50
100-cap. package	1.25	1.00



GERMOZONE PRICES:

4-oz. bottle	\$ 0.40;	postage	.05
12-oz. bottle	.75;	postage	.10
32-oz. bottle	1.50;	postage	.16
1/2-gal. bottle	2.50;	postage	.24
1-gal. bottle	4.50;	postage	.38

LEEMULSION AND VAPO-SPRAY

FOR SYMPTOMS OF COLDS, WHEEZING AND BRONCHITIS

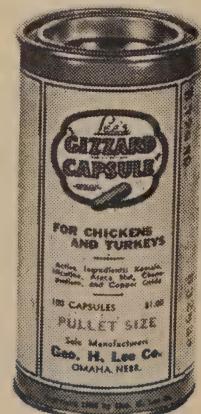
Disease of the air passages are often dangerous and expensive. When birds sneeze, wheeze, or gasp, act quickly. Use Leemulsion or Vapo-Spray—or both in severe cases.

LEEMULSION

	Price	Postage
4-oz.	\$.50	.05
12-oz.	1.00	.10
32-oz.	2.00	.16
1/2-gal.	3.50	.24

VAPO-SPRAY

	Price	Postage
Pint can	\$.50	.10
Quart can	.75	.16
1/2-gal.	1.25	.24
1-gal.	2.00	.38



BIGGER PROFITS WITH DUTHIE'S BABY CHICKS IN 1941

GRAND CHAMPION COCKEREL OF THE ENTIRE SHOW AT THE PANHANDLE POULTRY SHOW



A Rhode Island Red which is mated with one of Duthie's flocks. He is also from a line of Champions at filling the egg basket. His dam laid 222 eggs in her pullet year and his sire's dam laid 241 eggs in one year.

Our flock owners are each striving to produce the very best possible in their own breed and we feel that with each one specializing in one particular breed, it is possible to supply better chicks to our customers than it would be where one party was trying to produce many breeds and not giving the best of their efforts to any one breed. This is a day of specialization and we believe our customers profit by our specialization in our production of better chicks.

All of our flocks are Pullorum tested for B. W. D. Sanitary measures are carried out to insure our customers of healthy, strong chicks which carry breeding for high egg production and other desirable traits according to breed, which make for better profits in poultry.

Breeding wins in egg production and disease resistance in fowls just as it does on the track in the Kentucky Derby. Visit our flocks and see what they are doing. Be sure of the best and order **DUTHIE'S BETTER BABY CHICKS FOR BETTER POULTRY PROFITS IN 1941.**

NEW HAMPSHIRE REDS

Duthie's New Hampshire Reds are bred for fast development and high egg production. The desirability of this breed as an all-purpose farm flock has made the demand for them grow until Duthie's New Hampshire Reds are leading in popularity as a dual purpose fowl. Due to size and fast development they are also desirable for caponizing. Be sure to book your order early in order to insure getting your baby chicks when you want them. An outstanding buy at only \$11.00 per 100; \$52.50 per 500.

Special Matings—add \$2.00 per 100 to regular price.

WHITE LEGHORNS

Duthie's White Leghorns are selected for high egg production of large white eggs and for healthy, vigorous birds. Our Leghorns come from flocks that are bred for production and profit and we can highly recommend them to our customers as being birds that will pay. Price only \$9.50 per 100; \$45.00 per 500.

Special Matings—add \$2.00 per 100 to above prices.

LEGORCAS

Duthie's Legorcias have made a name for themselves as sturdy, fast developing birds which produce lots of large white eggs. Our customers find this breed so satisfactory in egg production and vitality that having once had them they refuse to buy any other breed. They are a cross of pure bred, high production white leghorns and pure bred, high production black minorcas. The hybrid vigor and productivity makes them a real buy. Price only \$10.00 per 100; \$47.50 per 500.

BUFF ORPINGTONS

Duthie's Buff Orpingtons are selected carefully for healthy, vigorous birds with good egg producing qualities. An outstanding meat fowl. Price only \$12.50 per 100; \$60.00 per 500.

RHODE ISLAND REDS

Duthie's Rhode Island Reds are mated to meet the needs of the poultry producer. They have proven themselves outstanding both in the show room and at filling the egg basket. They are a very desirable dual purpose fowl. Our breeders are carefully selected and are healthy, vigorous birds. Price only \$11.00 per 100; \$52.50 per 500.

Special Matings \$2.00 per 100 more.

BARRED PLYMOUTH ROCKS

Duthie's Barred Plymouth Rock flocks are from trap-nested, high egg producing parentage and are carefully selected for egg producing qualities as well as being a very desirable meat fowl. They also make excellent capons. Males used in our flocks are from high egg producing hens and some of our males have sisters which have produced over 250 eggs in their pullet year. The same breeding would cost much more elsewhere. Only \$11.00 per 100 and \$52.50 per 500, when available.

Special Matings—add \$2.00 per 100 to regular price.

JERSEY WHITE GIANTS

Duthie's Jersey White Giants are large, vigorous birds, desirable for capons due to their large size. Males weigh up to 13 pounds and hens up to 10 and 11 pounds. Also a rugged chicken which produces lots of large brown eggs. Priced at only \$13.50 per 100; \$65.00 per 500, when available.

SPECIAL MATINGS

Duthie's Special Matings for extra high production chicks are available in limited quantities in White Leghorns, Barred Plymouth Rocks, New Hampshire Reds and Rhode Island Reds. For Special Mating Chicks add \$2.00 per 100 to regular price.

USE PEAT MOSS TO ADD HUMUS TO THE SOIL

Mammoth Bronze Turkey Poult



We are again offering Mammoth Bronze baby turkeys. This is the largest of all the turkey breeds, having big breasts and lots of meat.

Our poult are bred from standard birds of the short-legged, heavy breasted, quick maturing strain.

PRICES ON BABY TURKEYS

\$ 6.75 per 15	prepaid
11.75 per 25	prepaid
20.00 per 50	prepaid
35.00 per 100	prepaid

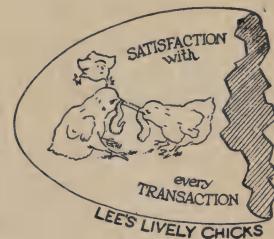
WRITE FOR QUANTITY PRICES

F. O. B. LEWISTON

We Are Again Offering "LEE'S LIVELY CHICKS"

Every bird in each breed is individually handled in culling and blood testing for B. W. D. Very careful selections of individual birds are made with special attention being given to remove any bird too small or too large for the breed, off-color birds, all deformities and other objectionable characteristics.

Unsexed baby chicks, carefully boxed and ventilated, to arrive 100 per cent live delivery as guaranteed.



	Per 25			Per 100		Per 25	Per 50	Per 100
	or more				or more			
White Leghorns:								
Regular	\$3.25	\$5.75	\$10.50		Barred Rocks	\$3.50	\$6.25	\$11.50
Special Hanson Strain...	3.75	6.75	12.50		New Hampshire Reds	3.50	6.25	11.50
White Leghorn-Black					Buff Orpingtons	4.25	7.25	14.50
Minorca Cross	3.35	6.00	11.00		White Wyandottes	3.75	6.75	12.50
Rhode Island Reds	3.50	6.25	11.50		White Rocks	3.75	6.75	12.50

SPECIAL MATINGS

For those who desire special foundation stock or chicks above average quality, we offer Special Mating Chicks of special value in White Leghorns, Rhode Island Reds, Barred Rocks, Black Minorcas, White Minorcas, White Wyandottes, New Hampshires and Buff Orpingtons at 2c over regular prices.

DAY OLD PULLETS

Be wise—Use the latest method of saving money. If you want Pullets don't buy Cockerels.

Our sixth season in selling Day-old Pullets. All selections made by a properly qualified or licensed Baby Chick Sexing Expert.

	Per 25	Per 50	Per 100		Per 25	Per 50	Per 100	
	or more				or more			
White Leghorns:								
Regular	\$6.00	\$11.50	\$22.00		Barred Rocks	\$4.75	\$8.75	\$16.50
Special Hanson Strain ...	6.75	13.00	25.00		New Hampshire Reds	4.75	8.75	16.50
White Leghorn-Black					White Wyandottes	5.00	9.25	17.50
Minorca Cross	6.50	12.50	24.00		White Rocks	5.00	9.25	17.50
Rhode Island Reds	4.75	8.75	16.50					

WE GUARANTEE 90% PULLETS

Adjustments. If order should contain more cockerels than guaranteed, proper verification must be forwarded to us within 12 weeks of shipment. In such case we will refund the full price of the Day-old Pullets for the number of Cockerels in excess of the guarantee.

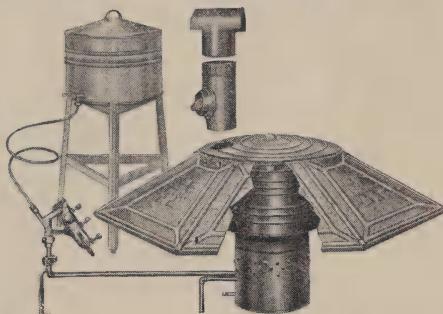
SPECIAL MATING PULLETS 3c EACH ADDITIONAL

ELIMINATE PESTS WITH THE RIGHT INSECTICIDES

HUDSON POULTRY EQUIPMENT

HUDSON "SAFETY-OIL" BROODER

MASON JAR TYPE



Equipped with the New Safety Base and Hudson Silent Burner fully described below:

HOVER: Hexagon shaped with "Heat-Saver" top. Provides maximum heat circulation under Hover.

DRUM: 22 inch diameter. 10 inches deep. Heavy blued steel, corrugated sides with crowned top and bottom to prevent warping. Drum top opening cast iron collar and lid. Combustion chamber 11 inch diameter. Overall height 25 inches. 8 gallon fuel tank. Recommended for houses up to 14 x 14 and as many chicks as the building will accommodate to 6 weeks old. Pipe cap and draft regulator included. Completely factory assembled except for oil pipes and hover. Packed in 2 cartons. Wt. 76 lbs. Third class freight rate L.C.L.

No. 542—42-in. Hover. Weight 76 lbs.....\$14.25

No. 135—34-in. Hover. Weight 50 lbs.....\$17.95



No. X45



No. B35

No. X45 FOUNTAIN. White glass.....18c

No. G45 FOUNTAIN. Galvanized.....14c

No. B35 FOUNTAIN. Clear glass.....12c

No. G35 FOUNTAIN. Galvanized.....10c

No. G25 FOUNTAIN. Galvanized.....9c

No. E25 FOUNTAIN. Red enameled.....10c

No. T25 FOUNTAIN. Bright tin.....11c



No. A4

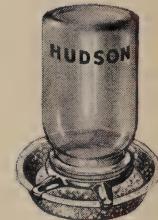
A Handy-Fill Chick fountain equipped with a snap-on cupped pan. This provides more drinking space. Cups are designed to prevent chicks getting in the water. The fountain is inverted for filling. Can be carried when full without spilling. Trimmed in red enamel, equipped with carrying handle.

No. A4 FOUNTAIN. Capacity 1 gallon.....Each 60c

No. 01 FOUNTAIN. Snap-On Cupped Pan. 5 qt. capacity, diameter 9 in., height 9 in. Each 70c

No. 02 FOUNTAIN. Snap-On Cupped Pan. 2 gal. capacity, diameter 11 in., height 10 in. Ea. \$1.00

No. 03 FOUNTAIN. Snap-On Cupped Pan. 3 gal. capacity, diameter 11 in., ht. 13½ in. Each \$1.25



No. G25

F. O. B. Spokane, or Lewiston, Idaho.

CONSULT US FOR THE BEST VARIETIES OF VEGETABLES FOR SUCCESS

HUDSON POULTRY EQUIPMENT

SLIDE GRILL TYPE



No. C3—3 Gallon



No. G10

No. G8



Can be used for either water or chick feed. Made of galvanized steel, a splendid mash or grit feeder. Lid fits snugly, easily removable for cleaning or filling.

No. G8 FEEDER. 8 holes.... Each 12c
No. G12 FEEDER. 20 holes Each 20c

Popular priced galvanized steel trough feeder. Pan of one-piece die stamped construction. Slide, sloping cover. All holes with turned edge and of correct size and location for maximum feeding capacity. Trough 1½ ins. deep, 3½ ins. wide at bottom and 4½ ins. wide at top.

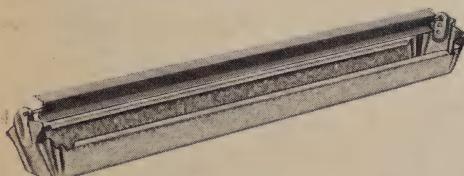
No. G10 FEEDER—10 inch length. 16 holes..... Each 25c
No. G20 FEEDER—20 inch length. 30 holes..... Each 40c

No. C2 FOUNTAIN—Capacity 2 gallons. Height 9½ inches, 11 inches diameter..... \$1.00 **No. C3 FOUNTAIN**—Capacity 3 gallons. Height 12½ inches, 11 inches diameter..... \$1.25

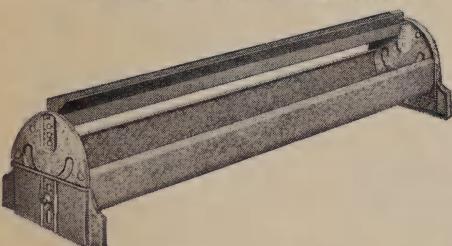
ONE PIECE WITH "S" REEL



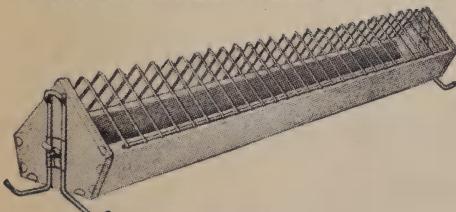
LARGE ONE PIECE WITH "Z" REEL



LARGE CHICK FEEDERS



BROILER AND POULT FEEDER



Welded Ends

F. O. B. Spokane, or Lewiston, Idaho.

WE SELL ONLY THE BEST QUALITY AT COMPETITIVE PRICES

39

Exceptionally well built feeder for baby chicks. Die formed in one piece from heavy galvanized steel. Trough 1½ inch deep, 2½ inch bottom width, 4 inch top width, with feed-saving curved lip for feed economy. Shouldered reel pins make free turning reel, preventing caught or injured chick toes. Red enameled. Reel adjustable to two positions.

No. 101 FEEDER—10 inch length..... 15c
No. 105 FEEDER—15 inch length..... 20c
No. 124 FEEDER—24 inch length..... 30c

A one-piece die stamped feeder of larger feed capacity. Feeder body is 1¾ inches high, 2¾ inch bottom width and 4 inch top width. Trough end 3½ inches high. Three point reel adjustment. Trough has curved feed saving lip for feed economy. Equipped with a wide balanced one-piece four point reel, enameled red on shouldered reel pins to prevent caught or injured chick toes.

No. 218 FEEDER—Length 18 inches..... 25c
No. 224 FEEDER—Length 24 inches..... 30c
No. 236 FEEDER—Length 36 inches..... 45c

Welded Ends

Sanitary flat bottom feeder, 2¾ inches deep, 4 inch top width with ½ inch folded feed-saving lip. All round edges to prevent feed packing; easily cleaned; extra capacity at a low price. Four blade balanced reel mounted on shouldered reel pins, adjustable to four positions, prevent injury to chicks. Equipped with rigid, adjustable non-tip stand quickly adjusted from one position to another.

No. 436 FEEDER—36 inches long..... \$.85
No. 448 FEEDER—48 inches long..... 1.00

A large capacity grill top feeder for chicks and broilers and poult. Improved adjustable wire legs, tip-proof, heavy steel trough, 6½ inches wide, 3 inches deep, full 1 inch feed saving lip. Furnished in three lengths, wires spaced 1½ inches.

No. 730. Length 30 inches. 4 in a carton.
Weight 16 lbs. \$1.30
No. 748. Length 48 inches. 4 in a carton.
Weight 24 lbs. \$1.75

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FREE TRANSPORTATION ON ALL FLOWER AND
VEGETABLE SEEDS IN PKTS., OUNCES OR $\frac{1}{4}$ LBS.

All seeds quoted in this catalog are now shipped by parcel post, all transportation and packing charges paid by us. C.O.D. and money order return fees are not considered as transportation charges and, therefore, must be paid for by the customer. Avoid them by sending remittance with order. Bu'k seeds, such as peas, beans and corn, in quantities, are shipped to your nearest express or freight office, transportation collect. If you wish them shipped by parcel post, please send necessary postage.

SHIPPING ORDERS. When goods are to be shipped by freight or express, give plain shipping directions; otherwise we use our best judgment in routing. Goods on which we pay transportation are shipped at our option.

SEND MONEY. Remittances should always accompany the order. Remittances may be made at our risk by any of the following methods (1st and best) Post Office Order; (2nd) Bank Draft; (3rd) Express Company Money Order; (4th) Cash by Express in amounts not less than \$50; (5th) Registered Letters. We also accept stamps in payment but the Postal Department asks us to discourage their use.

WE GUARANTEE the safe arrival of your order.

NON-WARRANTY. Although we make every effort to secure the best seeds on the market, we can give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, bulbs, or plants we sell, and will not be in any way responsible for the crop.

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INSECTS can't touch
FROST can't hurt

WHY, JANE...
STRAWBERRIES
ALREADY! HOW COME?

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Hotkaps Help You Grow Earlier, Stronger Flowers, Fruits and Vegetables

Patented strong little hot-houses protect plants from frost, storms, insects. Increase yield 10 to 25%, ripen 3 weeks earlier. Easy to set. Millions used. Order today. 25 Hotkaps, with Setter 50c. Postage extra.

Market Growers: Germaco Hotkaps help you have SURE CROPS 3 weeks earlier for highest prices. 1000 for \$10.75; 250 package with Setter and Tamper, \$4; 100 package with Setter and Tamper, \$2.75. Postage paid. Steel Setter, \$1.50; Garden Setter, 50c; Tamper, 25c. Postage extra.

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Just Press the Lever Lightly... HAYES, JR.

WATER PRESSURE SPRAY GUN
Takes the Work Out of Spraying

For scientifically correct garden-pest control, depend on the Hayes, Jr. Automatic Spray Gun which simply attaches to your garden hose. Mixes insecticide automatically, properly—no waste. Adjustable nozzle sprays up, down, sideways for 100% coverage—sends fine stream 20, 30 feet high to spray tree tops. Uses any insecticide soluble in water—solution cannot harm non-corroding Hayes, Jr. No moving parts to wear out or break. To enjoy a pest-free garden, order Hayes, Jr. Automatic Spray Gun now. **\$4.95 each**

ROOT ONE

PATENTS PENDING

The PLANT HORMONE POWDER

ROOTS CUTTINGS GERMINATES SEEDS
STIMULATES BULBS KILLS FUNGI
STOPS WILT AND DAMPING-OFF
INCREASES PLANT GROWTH

Safe Simple Sure

Two-Ounce Jar, \$1.00. One-Pound Can, \$5.00
Quarter-Ounce Packet, 25c.

Thompson's

INDOL - B1

Indole Acetic Acid with Vitamin B-1

For Rapid Rooting
of Cuttings

VITAMIN B-1 INDOLE FOR
FOR ROOT GROWTH RAPID ROOTING
Will Treat from 2,000 to 5,000 Cuttings
ACCORDING TO PLANTS TREATED
WITH FULL INSTRUCTIONS PRICE \$1.00

UNBEATABLE!
For Your House Plants and Garden Flowers

FULTON'S PLANTABBS

Odorless Plant Food Tablets
Containing Vitamin B1

Fulton's Plantabbs are highly concentrated, completely balanced plant food containing vitamin B1 in tablet form.

This miracle-working combination is equally effective for feeding freshly potted plants, house plants that are not thriving satisfactorily, garden flowers, roses, cuttings, seedlings and for preventing shock and injury when transplanting.

Have gorgeous ferns that neither wither nor turn brown at tips, grow house plants covered with blossoms all winter long. Rejuvenate sickly house plants—almost overnight—keep them healthy despite artificial heat and lack of sunshine.

Fulton's Plantabbs should not be confused with other preparations and offerings that merely supply Vitamin B1 (whether in tablet, powder or liquid form). Vitamin B1, itself, is not a fertilizer and does not take the place of or do the work of a fertilizer. Plantabbs, however, are unique in that they are a complete, balanced plant food and also contain root stimulating Vitamin B1.

No odor, no mess. Always fresh, ready for use—we recommend them.

Boxes at 25c, 50c, \$1.00 and \$3.50



DUTHIE SEED CO.

Lewiston, Idaho
828 Main Street

Spokane, Washington
510 Main Avenue

Write Name and Address Plainly. Send Money With All Orders.

Send by _____
(State Whether by Mail, Express or Freight)

Name.....

Post Office

R. F. D. (Box or Street and Number)

State.....

Shipping Station.....

Express Co. or Railroad

Date.

Amount Enclosed

P. Q. Order

Draft

Exercise Order 3

Cash - - - \$.

Stevens 6

Total \$.

Duthie Seed Company gives no warranty, expressed or implied, as to purity, description, quality, productiveness or any other matter of any seeds, bulbs or plants they send out, and will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

Use This Order Sheet for All Orders for Baby Chicks

ORDER FOR BABY CHICKS

DUTHIE SEED COMPANY, 828 Main St. Lewiston, Idaho

DUTHIE SEED COMPANY, 510 Main Ave., Spokane, Wash.

Date

To Hatchery Address

Quantity..... Variety and Strain.....

Date of Delivery Preferred Parcel Post or Express

Delivery to be made from (store or direct from hatchery)

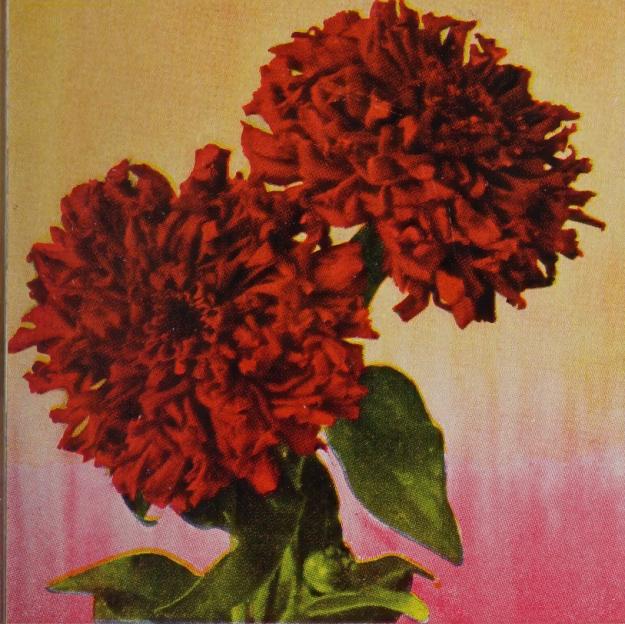
Purchase price for the lot Down payment

Balance Due: _____ Date: _____ Amount _____

Notice: In case this order is cancelled by the purchaser the amount of down payment is forfeited by the purchaser to Duthie Co., as payment for reselling this order.

Signed..... Purchaser.....

Address _____ **Phone No.** _____



ZINNIA FANTASY WILDFIRE

Like its name, Wildfire, the rich, dazzling scarlet of its flowers adds a cheerful note to the garden. Excellent subjects for cutting and house decoration. **Pkt. 15c.**



SNAPDRAGON, ROSALIE

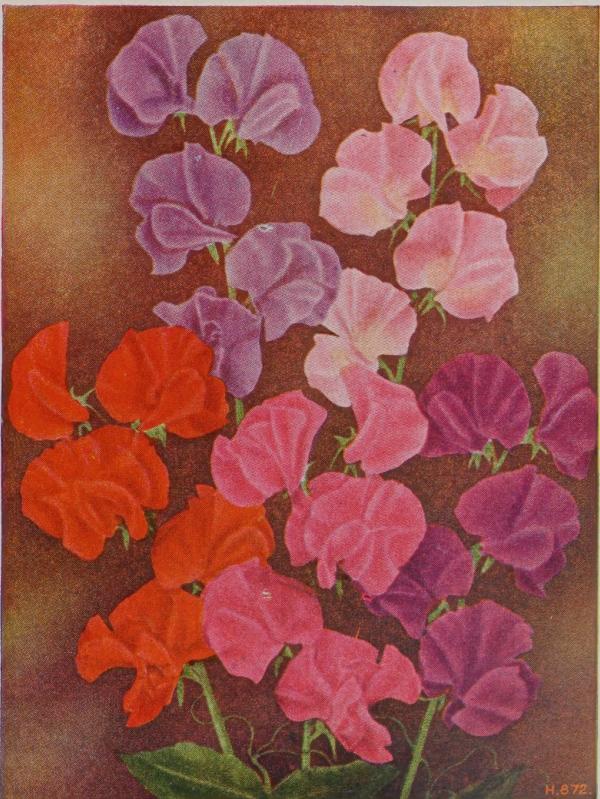
Bronze Medal, All-America Selections, 1940

This exciting color is entirely new in Antirrhinum. It is a rich deep rose with an underlying tone of topaz or amber, giving it a richness which makes it stand out among all other colors. The plants are base branching and produce from six to eight huge long flowering spikes on which the florets are decidedly well arranged. This is an all-purpose Snapdragon. **Pkt. 15c.**



MARIGOLD FERDINAND

This saucy little French Marigold with its yellow-crested centers, surrounded by a single row of rich mahogany red petals, is a good subject for the annual garden. Very colorful. **Pkt. 10c.**



SPENCER SWEET PEAS

See page 12 for a complete list of Sweet Pea offerings.



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for

Flower and Garden Seeds

Fertilizers, Insecticides

Birds and Pet

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